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ANNOUNCEMENT

OF THE

DENTAL SCHOOL

188 LONGWOOD AVENUE, BOSTON, MASS.

OF

HARVARD UNIVERSITY

WITH AN ANNOUNCEMENT
FOR 1935–36

CAMBRIDGE
PUBLISHED BY THE UNIVERSITY
1935

1934

JULY

Su	Mo	Tu	W	Th	Fr	Sa
1	2	3	(4)	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..

AUGUST

Su	Mo	Tu	W	Th	Fr	Sa
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..	..	..	..	..	..	..

SEPTEMBER

Su	Mo	Tu	W	Th	Fr	Sa
..	..	..	..	..	..	1
2	(3)	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..

OCTOBER

Su	Mo	Tu	W	Th	Fr	Sa
..	1	2	3	4	5	6
7	8	9	10	11	(12)	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	..	..	..

NOVEMBER

Su	Mo	Tu	W	Th	Fr	Sa
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	(12)	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	(29)	30	..
..	..	..	..	..	..	..

DECEMBER

Su	Mo	Tu	W	Th	Fr	Sa
..	..	.	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	(25)	26	27	28	29
30	31	..	..	..	..	..

1935

JANUARY

Su	Mo	Tu	W	Th	Fr	Sa
..	..	(1)	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	..	..

FEBRUARY

Su	Mo	Tu	W	Th	Fr	Sa
..	..	.	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	(22)	23
24	25	26	27	28	..	..
..	..	..	..	..	..	..

MARCH

Su	Mo	Tu	W	Th	Fr	Sa
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

APRIL

Su	Mo	Tu	W	Th	Fr	Sa
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	(19)	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..	..	..	..	..	..	..

MAY

Su	Mo	Tu	W	Th	Fr	Sa
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	(30)	31	..
..	..	..	..	..	..	..

JUNE

Su	Mo	Tu	W	Th	Fr	Sa
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..

JULY

Su	Mo	Tu	W	Th	Fr	Sa
..	1	2	3	(4)	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	..	..	..

AUGUST

Su	Mo	Tu	W	Th	Fr	Sa
..	..	.	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..	..	..	..	..	..	..

SEPTEMBER

Su	Mo	Tu	W	Th	Fr	Sa
1	(2)	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..
..	..	..	..	..	..	..

OCTOBER

Su	Mo	Tu	W	Th	Fr	Sa
..	..	1	2	3	4	5
6	7	8	9	10	11	(12)
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	..	..

NOVEMBER

Su	Mo	Tu	W	Th	Fr	Sa
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	(11)	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	(28)	29	30
..	..	..	..	..	..	..

DECEMBER

Su	Mo	Tu	W	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	(25)	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..

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DENTAL SCHOOL CALENDAR

1934.

Sept. 21, *Friday*. Registration of third and fourth year students.

Sept. 24, *Monday*. **Academic Year begins.** Registration of first and second year Students. Payment of the first instalment of the tuition-fee is required on this date.

Oct. 12, *Friday*. Columbus Day: a holiday.

Nov. 12, *Monday*. Armistice Day: a holiday.

Nov. 29, *Thursday*. Thanksgiving Day: a holiday.

Nov. 30, *Friday*. Payment of the second instalment of the tuition-fee is required on or before this date.

Recess from Dec. 23, 1934, to Jan. 2, 1935, inclusive.

1935.

Jan. 1, *Tuesday*. New Year's Day: a holiday.

Jan. 28, *Monday*. **Second half-year begins.**

Jan. 30, *Wednesday*. Payment of the third instalment of the tuition-fee is required on or before this date.

Feb. 22, *Friday*. Washington's Birthday: a holiday.

Recess from March 31 to April 7, inclusive.

Apr. 19, *Friday*. Patriot's Day: a holiday.

Apr. 30, *Tuesday*. Payment of the fourth instalment of the tuition-fee is required on or before this date.

May 1, *Wednesday*. Last day for receiving applications of candidates for the degree of D.M.D. in June, 1935.

May 30, *Thursday*. Memorial Day: a holiday.

June 19, *Wednesday*. Alumni Day.

June 20, *Thursday*. **Commencement.**

Summer Vacation, from Commencement to September 20, inclusive.

THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE

This Board is commonly known as the CORPORATION.

PRESIDENT

JAMES BRYANT CONANT, A.B., PH.D., LL.D., S.D., L.H.D.
17 Quincy St., Cambridge

FELLOWS

THOMAS NELSON PERKINS, A.B., LL.B., LL.D.
50 Federal St., Boston

CHARLES PELHAM CURTIS, JR., A.B., LL.B.
30 State St., Boston

ROGER IRVING LEE, A.B., M.D. 264 Beacon St., Boston

GRENVILLE CLARK, A.B., LL.B. 31 Nassau St., New York, N.Y.

TREASURER

HENRY LEE SHATTUCK, A.B., LL.B. 24 Milk St., Boston

SECRETARY TO THE CORPORATION

JEROME DAVIS GREENE, A.M. 5 University Hall, Cambridge

THE BOARD OF OVERSEERS

The PRESIDENT and the TREASURER of the University, *ex officio*, and the following persons by election: —

1935*

CHARLES ALLERTON COOLIDGE, A.B., ART.D.
122 Ames Bldg., Boston

HUGH CABOT, A.B., M.D., LL.D. Mayo Clinic, Rochester, Minn.

HENRY JAMES, A.B., LL.B., LL.D.
522 Fifth Ave., New York, N.Y.

WILLIAM TUDOR GARDINER, A.B., LL.D. 60 State St., Boston

HENRY STURGIS MORGAN, A.B. 23 Wall St., New York, N.Y.

1936

CHARLES FRANCIS ADAMS, A.B., LL.B., LL.D.
15 State St., Boston

LEARNED HAND, A.M., LL.B., LL.D.
Old Post Office Building, New York, N.Y.

SAMUEL SMITH DRURY, A.B., L.H.D., D.D., LITT.D.
St. Paul's School, Concord, N.H.

WALTER SHERMAN GIFFORD, A.B., LL.D., S.D.
195 Broadway, New York, N.Y.

ELIHU ROOT, JR., A.M., LL.B. 31 Nassau St., New York, N.Y.

1937

GEORGE RUSSELL AGASSIZ, A.B., PRESIDENT.
14 Ashburton Pl., Boston

ALLSTON BURR, A.M. 60 State St., Boston

DWIGHT PARKER ROBINSON, A.B., S.B. St. Davids, Pa.

FREDERICK WINSOR, A.B. Middlesex School, Concord

WILLIAM PHILLIPS, A.M., LL.D.
Department of State, Washington, D.C.

* The term expires, in each case, on Commencement Day of the year indicated.

1938

MINOT SIMONS, A.M., D.D. 64 East 86th St., New York, N.Y.
DANIEL FISKE JONES, A.B., M.D. 195 Beacon St., Boston
ALBERT ARNOLD SPRAGUE, A.B.
1130 Lake Shore Drive, Chicago, Ill.
GEORGE WHITNEY, A.B. 23 Wall St., New York, N.Y.
FRANCIS PARKMAN, PH.D. St. Mark's School, Southboro

1939

MARK ANTONY DEWOLFE HOWE, A.M., LITT.D.
16 Louisburg Sq., Boston
NATHAN HAYWARD, A.B., S.B.
12 South 12th St., Philadelphia, Pa.
SAMUEL HUNTINGTON WOLCOTT, A.B.
State Street Trust Co., Boston
GASPAR GRISWOLD BACON, A.B., LL.B.
222 Prince St., Jamaica Plain, Mass.
WALTER LIPPMANN, A.B., LL.D., LITT.D.
230 West 41st St., New York, N.Y.

1940

CHARLES WARREN, A.M., LL.D.
710 Mills Bldg., Washington, D.C.
JAMES MADISON MORTON, JR., A.M., LL.B.
1506 Federal Bldg., Boston
ALBERT FRANCIS BIGELOW, A.B., LL.B.
80 Federal St., Boston
CHARLES ELLIOTT PERKINS, A.B.
257 La Arcada Bldg., Santa Barbara, Calif.
SAMUEL CABOT, A.B. 141 Milk St., Boston

SECRETARY OF THE BOARD OF OVERSEERS

WINTHROP HOWLAND WADE, A.M., LL.B.
50 Congress St., Boston

THE DENTAL SCHOOL

BOSTON

ADMINISTRATIVE OFFICERS

President: James B. Conant, A.B., PH.D., LL.D., S.D., L.H.D.
Office, 5 University Hall, Cambridge.

Dean of the Faculty of Medicine and Dentistry: David L. Edsall, M.D., S.D.
Office, Administration Building, Medical School. Office hours by appointment.

Dean of the Dental School: Leroy Matthew Simpson Miner, D.M.D., M.D., SC.D.
Office, Harvard Dental School. Office hours, daily except Saturday, by appointment.

Secretary to the Dean and Chief Clerk of the School: Celia L. Towne.
Office, Harvard Dental School.

Assistant to the Dean: Richard L. Hapgood, A.B.
Office, Harvard Dental School.

Curator of the Dental Museum: Adelbert Fernald, A.M., D.M.D.
The Museum is in the Dental School Building. Office of the Curator, 29 Commonwealth Ave., Boston.

Librarian: Sterling N. Loveland, D.M.D.
The Library is in the Dental School Building. Office of the Librarian, 196 Marlborough St., Boston.

Physician to Students: Fred W. Morse, Jr., B.S., M.D.
Office hours daily from 9.45 to 10.30, Harvard Dental School.

STANDING COMMITTEES FOR THE DENTAL SCHOOL

Visiting Committee of the Dental School, appointed by the Board of Overseers. — Daniel F. Jones (*Chairman*), Albert A. Sprague, Arthur A. Ballantine, James M. Barker, George C. Cutler, Frederic A. Delano, W. Cameron Forbes, Edward Hamlin, Alanson B. Houghton, Archer M. Huntington, George H. Lyman, Keith McLeod, Junius S. Morgan, Frank M. Rhodes.

Building. — Frank T. Taylor (*Chairman*), Amos I. Hadley, Eugene B. Wyman, Wilson C. Dort, Harold A. Kent, William H. Gilpatric.

Curriculum. — Kurt H. Thoma (*Chairman*), Frank H. Cushman, Harold A. Kent, Arthur M. Maloney, Fred W. Morse, Jr., Harry C. Trimble, Richard L. Hapgood (*Executive Secretary*).

Staff Council. — Harold A. Kent (*Chairman*), Arthur M. Maloney (*Vice Chairman*), Arthur P. Young (*Secretary*), Everett A. Tisdale, Frederick A. Trevor.

Library. — Arthur P. Young (*Chairman*), George H. Wright, Moses S. Strock, Frederick A. Trevor, Sterling N. Loveland.

Extension Teaching. — Kurt H. Thoma (*Chairman*), Fred R. Blumenthal, Harold E. Tingley, Raeburn R. Davenport, Frederick A. Trevor.

Scholarships. — Dean Miner (*Chairman*), Amos I. Hadley, Arthur M. Maloney, Lawrence W. Baker, Adelbert Fernald.

Admission. — Dean Miner (*Chairman*), Harry C. Trimble, Percy G. Stiles, Frank H. Cushman, Frank T. Taylor, George H. Wright.

Foreign Students. — Fred A. Beckford (*Chairman*), Varaztad H. Kazanjian, Kurt H. Thoma, Leonard D. Nathan, Gordon Hall.

Student Advisers. — Frank H. Cushman (*Chairman*), Clarence B. Vaughan, Earle C. Cummings, Chester L. Sandiford, Arthur A. Libby, J. Gilbert Ray, Norman W. Swett, Harold C. Robinson, Roger B. Taft, Charles G. Pike.

Publicity. — Fred G. Rollins (*Chairman*), Edwin N. Kent, Fred R. Blumenthal, Frederick A. Trevor, Everett A. Tisdale, Raeburn R. Davenport.

Social Activities. — Amos I. Hadley (*Chairman*), David F. Spinney, Richard B. Smith, Harold A. Kent, Harold E. Tingley, Norman W. Swett, Charles W. Crowley.

Endowment. — Lawrence W. Baker (*Chairman*), F. Chester Durant, Sterling N. Loveland, Norman B. Nesbett.

Microscopes. — Kurt H. Thoma (*Chairman*), Fred W. Morse, Harold E. Tingley.

University Committee on Research in Dental Medicine. — Elmer P. Kohler, Alfred C. Redfield, Walter B. Cannon, S. Burt Wolbach, George B. Wislocki, Percy R. Howe, Lawrence W. Baker, George P. Matthews, Leroy M. S. Miner (*ex-officio*).

ADMINISTRATIVE BOARD

JAMES B. CONANT, A.B., PH.D., LL.D., S.D., L.H.D., *President* (*ex officio*).

DAVID L. EDSALL, M.D., S.D., *Dean of the Faculty of Medicine and Dentistry.*

LEROY M. S. MINER, D.M.D., M.D., Sc.D., *Dean of the Dental School* and *Professor of Clinical Oral Surgery.*

AMOS I. HADLEY, D.M.D., *Clinical Professor of Operative Dentistry.*

GEORGE H. WRIGHT, D.M.D., *Clinical Professor of Oral Medicine.*

*FRANK T. TAYLOR, D.M.D., *Clinical Professor of Operative Dentistry.*

FRED A. BECKFORD, D.M.D., *Professor of Prosthetic Dentistry.*

LAWRENCE W. BAKER, D.M.D., *Professor of Orthodontia.*

MARTIN B. DILL, A.B., D.M.D., *Clinical Professor of Operative Dentistry.*

FRANK H. CUSHMAN, S.B., D.M.D., *Professor of Operative Dentistry.*

VARAZTAD H. KAZANJIAN, D.M.D., M.D., *Professor of Clinical Oral Surgery.*

KURT H. THOMA, D.M.D., *Charles A. Brackett Professor of Oral Pathology.*

PROFESSORS, LECTURERS, INSTRUCTORS, ETC.

EDWIN C. BLAISDELL, D.M.D., *Clinical Professor of Operative Dentistry, Emeritus.*

PERCY R. HOWE, A.B., D.D.S., *Thomas Alexander Forsyth Professor of Dental Science.*

*FRANK T. TAYLOR, D.M.D., *Clinical Professor of Operative Dentistry.*

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HORACE L. HOWE, D.M.D., *Clinical Professor of Orthodontia.*

JOHN T. TIMLIN, D.M.D., *Instructor in Operative Dentistry.*

OLIVER P. WOLFE, D.M.D., *Instructor in Extracting and Anaesthesia.*

* Died December 10, 1934.

ARTHUR A. LIBBY, D.M.D., *Instructor in Dental Research.*

NORMAN B. NESBETT, D.M.D., *Assistant Professor of Prosthetic Dentistry.*

DAVID F. SPINNEY, D.M.D., *Instructor in Operative Dentistry.*

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WILLIAM J. SPEERS, D.M.D., *Instructor in Orthodontia.*

MARTIN B. DILL, A.B., D.M.D., *Clinical Professor of Operative Dentistry.*

GEORGE H. WRIGHT, D.M.D., *Clinical Professor of Oral Medicine.*

LOUIS M. FREEDMAN, M.D., *Associate in Orthodontia.*

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LOUIS MISKELL, D.M.D., *Instructor in Operative Dentistry.*

HERBERT I. MARGOLIS, D.M.D., *Instructor in Dental Anatomy.*

FREDERICK A. TREVOR, D.M.D., *Instructor in Oral Pathology.*

JOHN R. WALLACE, D.M.D., *Instructor in Prosthetic Dentistry.*

LAWRENCE W. BOWERS, D.M.D., *Instructor in Operative Dentistry.*

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ARCHIE I. FAIN, D.M.D., *Instructor in Prosthetic Dentistry.*

FREDERICK A. HALEY, D.M.D., *Instructor in Extracting and Anaesthesia.*

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BURTON J. GOVE, D.M.D., *Instructor in Oral Pathology.*

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EDGAR L. ABT, D.M.D., *Instructor in Extracting and Anaesthesia.*

ELBERT S. GODFREY, D.M.D., *Instructor in Operative Dentistry.*

RALPH B. LANCASTER, A.B., D.M.D., *Instructor in Operative Dentistry.*

RAYMOND J. NAGLE, D.M.D., *Instructor in Prosthetic Dentistry.*

WALTER V. MacGILVRA, D.D.S., *Lecturer on Anaesthesia.*

MITSUTA MANABE, D.D.S., D.M.D., *Assistant in Oral Surgery.*

PETER A. DEMPSEY, D.M.D., *Instructor in Operative Dentistry.*

VICTOR I. MERRIAM, D.M.D., *Instructor in Operative Dentistry.*

LEVON K. DAGHLIAN, D.M.D., *Instructor in Prosthetic Dentistry.*

P. REGINALD MacKINNON, D.M.D., *Instructor in Prosthetic Dentistry.*

ROGER J. EDWARDS, D.M.D., *Instructor in Operative Dentistry.*

LEE O. SMITH, D.M.D., *Instructor in Operative Dentistry.*

HAROLD A. BRATT, D.M.D., *Instructor in Roentgenology.*

LINWOOD H. FARRINGTON, D.M.D., *Instructor in Extracting and Anaesthesia.*

DONALD F. McCLOSKEY, D.M.D., *Instructor in Operative Dentistry.*

HARRY S. SAIDEL, B.S., D.M.D., *Instructor in Operative Dentistry.*

EDWIN M. SCRIBNER, D.M.D., *Instructor in Operative Dentistry.*

JOSEPH H. BECK, D.M.D., *Instructor in Prosthetic Dentistry.*

MILTON L. BOYLE, D.M.D., *Assistant in Operative Dentistry.*

EDWARD J. DURLING, D.M.D., *Instructor in Extracting and Anaesthesia.*

GEORGE M. LUCEY, D.M.D., *Instructor in Operative Dentistry.*

PAUL K. LOSCH, D.D.S., *Instructor in Operative Dentistry.*

ROBERT S. WESSON, D.M.D., *Instructor in Operative Dentistry.*

JOHN V. BLASI, D.M.D., *Instructor in Prosthetic Dentistry.*

JOSEPH P. JAZOWSKI, D.M.D., *Instructor in Prosthetic Dentistry.*

J. EDGAR LEACH, D.M.D., *Instructor in Prosthetic Dentistry.*

GEORGE P. MATTHEWS, D.M.D., *Instructor in Dental Research.*

G. EARL THOMPSON, D.M.D., *Instructor in Operative Dentistry.*

PAUL H. NEWHALL, A.B., D.M.D., *Instructor in Orthodontia.*

LAWRENCE B. SMITH, D.M.D., *Instructor in Roentgenology.*

GEORGE D. BISSELL, D.M.D., *Assistant in Oral Surgery.*

G. RANDOLPH HUBBARD, A.B., D.M.D., *Instructor in Operative Dentistry.*

PHILIP H. WHITE, A.B., D.M.D., *Instructor in Roentgenology.*

JOSEPH A. CONWAY, D.M.D., *Assistant in Roentgenology.*

HERMANN B. F. SEYFARTH, D.M.D., *Instructor in Operative Dentistry.*

JAMES W. ETHERINGTON, D.M.D., *Assistant in Operative Dentistry.*

RICHARD W. LAWRENCE, D.M.D., *Assistant in Extracting and Anaesthesia.*

KENNETH I. STARBIRD, D.M.D., *Assistant in Prosthetic Dentistry.*

HARRY STONE, D.M.D., *Assistant in Extracting and Anaesthesia.*

GEORGE A. SULLIVAN, A.B., D.M.D., *Assistant in Roentgenology.*

PHILIP J. PINEL, D.M.D., *Assistant in Operative Dentistry.*

THE DENTAL SCHOOL

GENERAL STATEMENT

The Harvard Dental School is located on Longwood Avenue, in Boston, adjacent to the buildings of the Harvard Medical School, and is connected with them by subway.

The Dental School was established by vote of the President and Fellows of Harvard College, July 17, 1867. The first session opened on the first Wednesday in November, 1868, and continued until the following March. The first examination of candidates for the degree of the School was held March 6, 1869.

Instruction in this School is given throughout the academic year, by lectures, recitations, clinical teaching, and practical exercises, uniformly distributed. The programme of instruction is progressive, and occupies four years.

Anatomy, histology, physiology, chemistry (qualitative, volumetric, dental, organic and physiological), metallurgy, general pathology, oral anatomy and histology (normal and pathological), and bacteriology are pursued in the Harvard Medical School.

The degree of Doctor of Dental Medicine is given, on recommendation by the Faculty of Medicine, on the completion of the four years' course. The degree is given in three grades.

It is the object of the Faculty to present a complete course of instruction in the theory and practice of Dentistry; and for this purpose a well-appointed laboratory and infirmary are provided. Clinical instruction is given by the professors and other instructors; and each day patients are assigned to the students, ensuring to all the opportunity of operating at the chair, and becoming trained by actual practice in all the operations demanded of the dentist.

REQUIREMENTS FOR ADMISSION

Applicants for admission must present evidence, not only that they have passed the courses necessary to fulfill the requirements, but also that their college work has been of such character as to give promise of work of high quality in the dental course.

The minimum requirement for admission to the School consists of two years of instruction in an approved college of liberal arts and science,

based upon the completion of a four year high school course (or, in the case of foreign students, an equivalent character of work).

A total college credit of at least sixty semester hours is required, including the following obligatory courses: *English*, *Physics* and *Biology*; six semester hours each. *Chemistry*, twelve semester hours, including a course of not less than four semester hours in Organic Chemistry.

The remaining subjects necessary to make up the required number of credits are elective.

Applicants must be entitled to honorable dismissal.

These requirements must be satisfied in full before matriculation.

Note. — A semester hour is one hour of lecture or recitation, or two hours of laboratory work, per week, for one half-year, or sixteen weeks.

ADMISSION TO ADVANCED STANDING

Students who have attended an approved dental school for one or more years, may be admitted to advanced standing and become candidates for the degree of D.M.D. under the following conditions: —

They must have fulfilled the requirements for admission.

They must have passed all of the subjects required of them in the school from which they come with a satisfactory rank, and must be entitled to a certificate of honorable dismissal.

They must present a record of the courses which they have already pursued, giving the subjects, the amount of time devoted to each, and the final grade received. The Committee on Admission will decide in each case whether examinations will be required.

Students are requested to apply for admission on blanks provided for the purpose, before July 1. All applications received on or after September 1 must be accompanied by the deposit of twenty-five dollars which will be returned if the application is not accepted. (See Fees and Expenses, page 18.)

VACCINATION

As every new student before being allowed registration in any department of the University must have presented a medical certificate of successful vaccination, such certificate should be included in his application for admission.

EXAMINATIONS AND PROMOTION

During the first, second and third years the final examination in every required subject is held at the close either of the first or of the second term of the school year. The examination, therefore, in every subject occurs once a year, but an opportunity to make up failures in examinations is offered at the opening of the school year. The examination in certain studies of the first year is held at *mid-year* only, and is for those who are members of the School at the time, and for those entitled to apply for the degree, provided they have failed previously in those subjects. The *June examination* is only for those who are members of the School at the time. The *September examination* is for conditioned students, or for applicants for advanced standing. In some branches a portion of the examination consists of practical work in the laboratory.

At the close of the fourth year a general comprehensive examination is held. This examination is aimed to test the student's ability to assemble, correlate, and utilize his knowledge, rather than his ability to remember factual material. The examination comprises a written paper on topics of importance in dental practice and an oral examination on the diagnosis and treatment of a presented case.

At the close of the first half-year, if occasion arises, and always at the close of the school year in June, the work of the first class is considered by the Promotion Board of the Medical School, and recommendations are made to the Dean's Office, in accordance with the Faculty Rules of the Harvard Medical School.

The work of the second and third years is considered by the Promotion Boards of the Dental School, and recommendations are made in accordance with the following rules:

1. A student whose progress is unsatisfactory in both Operative and Prosthetic Dentistry may be asked to withdraw from the school.
2. A student who fails in either Operative or Prosthetic Dentistry is disqualified for promotion and must repeat both courses of that year.
3. A student who fails in other subjects may, at the discretion of the Promotion Board, be advanced on condition.
4. A student who receives a low passing average may, at the discretion of the Promotion Board, fail to be promoted.
5. No student shall be promoted who has failed to remove a condition from the previous class.

In all cases the recommendations of the Promotion Boards are referred to the Administrative Board of the Dental School for their approval.

The Administrative Board reserves the right to require the withdrawal of any student at any time whenever, in the opinion of the Board, it is manifest that he is incompetent for his work or for any other reason is unfitted to continue the course.

DEAN'S LIST

Seniors and Juniors whose work has been of sufficiently high grade may, upon recommendation of the Promotion Boards, be placed on the Dean's List. Membership on this list carries with it eligibility, at the discretion of the department heads, to devote a portion of time from the clinical departments for independent work in some particular field of interest, under proper supervision.

The name of any student may be withdrawn from the List at any time, if he fails to maintain a standard of scholarship satisfactory to the Promotion Boards.

REQUIREMENTS FOR THE DEGREE

The degree of Doctor of Dental Medicine (*Dentariae Medicinae Doctoris*) may be conferred upon any candidate of adult age, and of good moral character, who has passed *all the required examinations*. He must also give evidence of having studied Medicine or Dentistry in some recognized school four full years, the last continuous year of which must have been spent at this School.

The degree of Doctor of Dental Medicine *cum laude* or *magna cum laude* will be given to any candidate who has pursued a complete four years' course in this School and who has shown such a degree of excellence in scholarship and general clinical proficiency as, in the opinion of the Administrative Board, to merit the distinction.

The right to take the examinations, as well as the privilege of continuing membership in the School, is conditioned upon regular attendance upon lectures, infirmary practice, and laboratory exercises.

By vote of the Administrative Board, all students must have their mouths and teeth in a sound, healthy condition, in order to be eligible for the degree.

Candidates for the degree are obliged to apply for the same in writing, on blanks furnished at the Dean's office, on or before *May 1* of the year in which they propose to graduate.

FEES AND EXPENSES

A deposit of twenty-five dollars is required of every new student whose application for a place in the Dental School is accepted. This sum is to be applied on the first term-bill or to be forfeited if the student does not

register. Students who make application prior to September 1st must make this deposit within two weeks after their applications are accepted; students who make application on or after September 1st are required to send the deposit of twenty-five dollars with their applications.

The tuition-fee is four hundred dollars, which includes all laboratory fees and will be charged on the term-bills in four instalments, as follows: One-fourth on a term-bill issued at registration and payable on or before September 25 unless the student registers late, in which case the bill is payable on or before the second business day following registration; one-fourth on a term-bill issued November 12 and payable November 30; one-fourth on a term-bill issued January 13 and payable January 30, and one-fourth on a term-bill issued April 13 and payable April 30. In addition students will be charged for any loss of material or breakage.

Any student whose indebtedness to the University remains unpaid on the date fixed for payment is deprived of the privileges of the University until he is reinstated. Reinstatement is obtained only by consent of the Dean of the Department in which the student is enrolled, after payment of all indebtedness and a reinstatement fee of ten dollars.

Bills for miscellaneous charges will be rendered at the time the indebtedness is incurred.

All students doing less than full work and paying at the course rate will be required to pay each quarter in advance a sum equal to the fee for one course until their tuition-fee is paid in full.

All indebtedness to the University must be paid by all candidates for degrees at least one day before Commencement.

Students who are candidates for degrees in the middle of the academic year must pay all dues to the University at least one day before the day upon which the degrees are to be voted.

When a student's connection with the University is severed, all charges against him must be paid at once.

The student's general expenses may be reduced, in accordance with his means, to the standard which prevails in other cities. A list of boarding places, at various prices, can be obtained at the Dean's office.

Every student must file with the Bursar on his entrance to the School a bond in the sum of *five hundred dollars* as security for the payment of College bills. The bond may be signed by two bondsmen, both of whom must be citizens of the United States, or by a surety company duly qualified to do business in Massachusetts. No officer or student of the University will be accepted as a bondsman and in no case will more than one parent be accepted. In lieu of the bond a student may deposit with the Bursar five hundred dollars in United States government bonds, or five hundred dollars in cash which will bear no interest. Blank forms of bonds may be obtained from the Dean's office. Students will be held responsible

for the payment of fees until they have notified the Dean, in writing, of their intention to withdraw from the School. *No degree can be conferred until all dues to the School are discharged.*

A student who leaves during the year is charged to the end of the tuition period in which he leaves, provided before that time he gives the Dean notice in writing of his withdrawal; otherwise he is charged to the end of the academic year or to the end of the tuition period in which such notice is given. The first tuition period begins at the beginning of the academic year and ends November 24; the second begins November 25 and ends at the end of the first half-year; the third begins with the second half-year and ends with the spring recess; and the fourth begins at the close of the spring recess and ends at Commencement.

Stillman Infirmary Fee

Any student in the School may, not later than October 15 in each year, pay the Infirmary Fee of $10.00 to the Bursar.

In return for the payment of this fee the University extends the privileges of an annual physical examination; of the Medical Adviser's clinics at the Hygiene Building; of the Eye and Dental clinics at the Stillman Infirmary where minimum charges will be made for professional services; and, in case of illness and on the order of a physician, of a bed in a ward, board and ordinary nursing care in the Stillman Infirmary for a period not exceeding two weeks in any one academic year. At the Stillman Infirmary time in excess of two weeks, medical attendance, private rooms and special nursing care will be extra.

STUDENT HEALTH SERVICE

Realizing the importance to the student of a sound, healthy body, the School maintains a service whose function it is to prevent disease, so far as possible, and promote a high standard of health among the students.

The school physician holds office hours daily and provides for a physical examination of all entering students. In case of illness of a student at his room the physician will help arrange for the care of the patient, or for his transfer to the Stillman Infirmary, under the conditions outlined above. The student is responsible for any charges which his care may entail.

Each student is required to have his teeth put in a satisfactory condition, acceptable to the Department of Operative Dentistry. The mouth is examined and diagnosed, and recommendations for treatment made. The work may be done by the student's own dentist or by the special service for that purpose conducted by the School. No charge is made for the diagnosis.

To afford facilities for physical recreation, arrangements provide for the use of a gymnasium, with excellent handball and squash courts, and a large

floor for team games. Attendance at these recreation periods twice a week is required of all first year men, unless excused by a physician. The total expense for lockers and towel service is $3.00 for the year.

INSTRUMENTS

With the exception of extracting instruments, lathes, and vulcanizers, each student will be required to furnish his own instruments, and appliances for both laboratory and operating room.

At mid-years of the first year a small number of instruments for use in the Prosthetic laboratory, costing about five dollars, are required.

At the beginning of the second year a list of instruments required for use in both the Operative and Prosthetic Departments is furnished by the School, and each student is required to provide himself with the instruments enumerated upon the lists before beginning his work. The cost of these instruments, including the dental engine, is about three hundred dollars.

The instruments required in the third year cost about one hundred and sixty-five dollars. Additional instruments amounting to about twenty-five dollars are required in the fourth year.

A deposit of two dollars with the Dean of the Medical School will entitle a student to the use of a locker in the Medical School buildings during the first year.

A student who wishes to rent a microscope of the School can do so upon payment of six dollars a half-year.

FOUR-YEAR COURSE

First Year

Chemistry, Qualitative and Volumetric . . . . . .
Dental Chemistry, Metallurgy, Organic and Physiological Chemistry
Physiology — Lectures and Laboratory . . . . . .
Histology — Lectures and Laboratory . . . . . .
Anatomy — Lectures and Laboratory . . . . . .
Dental Anatomy and Comparative Dental Anatomy — Lectures and Laboratory . . . . . .
General Hygiene — Lectures and Conferences . . . . .

Second Year

General Pathology — Lectures and Laboratory . . . . .
Bacteriology — Lectures and Laboratory. . . . . .
Operative Dentistry — Lectures, Demonstrations, Seminar, and Clinics (includes operative technique, odontexesis, and the use of plastic filling materials) . . .

Oral Hygiene — Lectures . . . . . .
Prosthetic Dentistry — Lectures, Demonstrations, and Technique . . . . . .
Materia Medica — Lectures . . . . . .
Radiography — Lectures . . . . . .

THIRD YEAR

Operative Dentistry — Lectures, Demonstrations, and Clinics (includes inlays and ceramics, gold foil, periodontia, and treatment of pulp involvements) . .
Therapeutics — Lectures . . . . . .
Prosthetic Dentistry — Lectures, Demonstrations, and Practice (includes crown and bridge technique) . .
Orthodontia — Lectures and Technique . . . . . .
Surgery and Surgical Pathology — Lectures . . . . . .
Oral Anatomy, Pathology and Histology — Lectures and Laboratory . . . . . .
Extracting and Anaesthesia Conferences . . . . . .
Physical Diagnosis — Lectures . . . . . .
Oral Medicine — Lectures . . . . . .
Syphilology — Lectures and Conferences . . . . . .
Radiography — Lectures, Demonstrations, and Clinics (in sections) . . . . . .

FOURTH YEAR

Operative Dentistry — Lectures, Demonstrations, and Clinics (includes oral diagnosis and dentistry for children) . . . . . .
Orthodontia — Lectures and Clinics . . . . . .
Prosthetic Dentistry, including crown and bridge — Lectures, Demonstrations, and Clinics . . . . . .
Principles of Surgery — Oral Surgery — Lectures and Clinics . . . . . .
Clinical Oral Surgery — Lectures and Clinics . . . . .
Conduct of Practice: Dental Jurisprudence: Ethics — Lectures . . . . . .
Extracting and Anaesthesia — Demonstrations, Lectures, and Clinics . . . . . .
Roentgenology — Clinics . . . . . .
Public Health Dentistry — Lectures . . . . . .

METHODS OF INSTRUCTION

Biological Chemistry

——— ——— *Hamilton Kuhn Professor of Biological Chemistry.*
Cyrus H. Fiske, M.D., *Associate Professor of Biological Chemistry.*
Harry C. Trimble, Ph.D., *Assistant Professor of Biological Chemistry.*
Milan A. Logan, Ph.D., *Instructor in Biological Chemistry.*
Mary D. Baker, A.B., *Research Associate in Biological Chemistry.*
Irvin S. Danielson, Ph.D., *Teaching Fellow in Biological Chemistry.*
Elmer H. Stotz, S.B., *Teaching Fellow in Biological Chemistry.*
Yellapragada Subba Row, Ph.D., *Austin Teaching Fellow in Biological Chemistry.*

First Year. The course in chemistry required for the degree in dental medicine is offered during the first semester only. It consists of approximately one hundred and ten hours of classroom exercises and three hundred and thirty hours devoted to laboratory experimentation. The subject matter covered will include a variety of topics selected from the following specialized fields of chemistry:

Inorganic Chemistry, emphasizing the chemical properties of the metals and the chemistry of some rarer elements useful in dentistry which are not ordinarily discussed in an elementary course.

Dental Metallurgy, including the preparation of some representative alloys and some methods for studying their properties. The principles of metallography will be discussed and exemplified as fully as practicable in the laboratory experiments.

Analytical Chemistry, sufficient to emphasize the fundamental principles involved in the separation, identification and quantitative measurement of the constituents of compounds. In the laboratory there will be opportunity to make studies of the composition of some substances useful in dentistry. The methods of analysis which will be studied will be chiefly those which can be used as tools in the portion of the course devoted to Physiological Chemistry.

Organic Chemistry, covering only those types of carbon compounds which participate in physiological processes, together with their transformation products, and those which have usefulness in dental medicine.

Physiological Chemistry, including the chemical aspects of the digestion, absorption, distribution, utilization, and excretion of the chief types of food. Emphasis will be placed upon the metabolism of minerals and their rôle in the functioning of the organism. This will culminate in a series of experimental exercises designed to demonstrate the effect of some varia-

tions in the diet upon some important constituents — both organic and inorganic — of some body fluids.

Throughout the course the contributions of chemistry in all its aspects toward obtaining an understanding of the conditions for dental health will be stressed.

Text and Reference Books. — Conant, Organic Chemistry. Folin, Laboratory Manual of Biological Chemistry. Bodansky, Physiological Chemistry. Sherman, Chemistry of Food and Nutrition. Hammett, Solutions of Electrolytes. Gibson, Chemistry of Dental Materials. Ray, Metallurgy for Dental Students.

ADVANCED WORK

Any student, properly qualified, who wishes to undertake advanced work of a chemical character, or who wishes to participate in an investigation of some topic from this point of view will be offered the opportunity.

Anatomy

John L. Bremer, M.D., *Hersey Professor of Anatomy.*

Frederic T. Lewis, M.D., *James Stillman Professor of Comparative Anatomy.*

George B. Wislocki, M.D., *Parkman Professor of Anatomy.*

Robert M. Green, M.D., *Assistant Professor of Applied Anatomy* and *Instructor in Gynaecology and in Obstetrics.*

David M. Rioch, M.D., *Assistant Professor of Anatomy.*

Harold L. Weatherford, Ph.D., *Assistant Professor of Anatomy.*

Allan L. Grafflin, M.D., *Instructor in Anatomy.*

Torr W. Harmer, M.D., *Instructor in Anatomy* and *Assistant in Surgery.*

George P. Matthews, D.M.D., *Instructor in Anatomy.*

Lester S. King, M.D., *Workman Fellow.*

The department of anatomy occupies the Morgan Anatomical Building; the dissecting rooms are in the wing designated B I; and the laboratories for histology, embryology, and anatomy of the nervous system, in the wing B II. In addition to the numerous classrooms, which are well lighted and thoroughly equipped, there are ample accommodations for advanced students, and unusual facilities are at the disposal of qualified investigators. Further information in regard to advanced or special studies may be had upon application to Professor Wislocki. The regular courses for dental students are described below.

Gross Anatomy. A systematic dissection of the human body occupies one-half of the student's time during the second half-year, alternating with

the course in Microscopic Anatomy. For the study of the bones and joints, a box of bones and a skull are issued for the period of the course to each student. Frequent oral quizzes are given in the laboratory as the dissection progresses. Demonstrations and tutorials are a special feature of the course.

During the last month of the course, special demonstrations are given in applied surgical anatomy with special reference to operations upon the mouth and jaws. Various members of the Surgical Staff of the Dental School assist with these lectures and demonstrations. It is in this way that the student has, early in his career, the art of surgery linked with his knowledge of anatomy.

Text-books. — Warren's Handbook of Anatomy.

	Hours
Lectures and demonstrations	48
Dissections	172

Dr. Matthews and other members of the staff.

Microscopic Anatomy. — The first month is spent in a study of the cell, cell-division, and vertebrate embryology. Special attention is given to the development of the face, the tongue, and to the structures surrounding the oral cavity. The subject of dental histology is fully dealt with. The months of March, April, and May are devoted to the histology of the fundamental tissues and the organs, and to the gross and microscopic anatomy of the central nervous system. Throughout the course several quizzes of a practical nature, in the identification of tissues and organs, are given.

Text-books. — Bremer, Histology. Ranson, Anatomy of the Nervous System, 4th edition.

	Hours
Lectures and demonstrations	48
Laboratory work	172

Dr. Matthews, Dr. King, and other members of the staff.

Dental Anatomy, Human and Comparative

Wilson C. Dort, D.M.D., *Assistant Professor of Dental Anatomy.*
Herbert I. Margolis, D.M.D., *Instructor in Dental Anatomy.*

First Year. — A study of the morphological aspects of the teeth; consideration of tooth development, investing structures, and temporo-mandibular articulation from a comparative standpoint; carving of teeth in plaster and ivory; study of pulp chambers and root canals, together with the comparative study of the fundamentals of occlusion.

HOURS

Leetures. Drs. Dort, Margolis, and Hooton. *During January and February.* 23

Demonstrations, laboratory exercises and quizzes. Drs. Dort and Margolis. *Three times a week during January; six times a week during February; once a week from March 1 to April vacation.* 133

Text-book. — Dewey, Dental Anatomy.

Collateral Reading. — Stillson, Quiz Compend on Dental Anatomy. Churehill, Human Odontography and Histology. Dewey and Thompson, Comparative Dental Anatomy. Todd, Mammalian Dentition. Hooton, Up from the Ape. Gregory, Our Faee from Fish to Man.

Physiology

Walter B. Cannon, M.D., S.D., LL.D., Dr. (hon.), *George Higginson Professor of Physiology.*

Alexander Forbes, M.D., *Associate Professor of Physiology.*

Hallowell Davis, M.D., *Assistant Professor of Physiology.*

Percy G. Stiles, Ph.D., *Assistant Professor of Physiology.*

Roy G. Hoskins, M.D., *Research Associate in Physiology.*

Magnus I. Gregersen, Ph.D., *Instructor in Physiology.*

Gordon C. Ring, Ph.D., *Instructor in Physiology.*

Arturo Rosenblueth, M.D., *Instructor in Physiology* and *Tutor in the Normal Medical Sciences.*

Chester W. Hampel, Ph.D., *Austin Teaching Fellow in Physiology.*

J. Oliver Pinkston, Ph.D., *Teaching Fellow in Physiology.*

Richard C. Bodo, M.D., *Research Fellow in Physiology.*

Harry B. Friedgood, M.D., *Research Fellow in Physiology and Fellow of the National Research Council.*

Frederic A. Gibbs, M.D., *Research Fellow in Physiology.*

Milton O. Lee, Ph.D., *Research Fellow in Physiology.*

Donald B. Lindsley, Ph.D., *Research Fellow in Physiology and Fellow of the National Research Council.*

An Ch'ang Liu, M.D., *Research Fellow in Physiology.*

Bennigna Rempel, *Research Fellow in Physiology.*

Margaret MacK. Sawyer, Ph.D., *Research Fellow in Physiology.*

First Year. — The instruction in Physiology is based, as far as possible, on observations made by the students in laboratory experiments. The experiments are selected to impress the student with the methods and the most important facts in the various divisions of the subjeet. Physiological proeesses not readily observed in the laboratory the student learns with an insight derived from practieal experience in experimentation. The arrangement of the experiments is in general such that the student first learns of what activity an organ or tissue is capable, next how eertain factors eon-

dition or modify that activity, and finally what may be the effect of the activity. The experiments have also been so arranged as to place those with more general bearing first, and those with special interest later. Thus reference to previously acquired information becomes more and more possible as the course proceeds.

The amount of time devoted to laboratory exercises is approximately one hundred and sixty hours. Each student is required to preserve a record of his experiments and observations in a laboratory note-book, Cannon's "Laboratory Course in Physiology." These records are examined and criticized from day to day.

Observations of his own experiments by the student are supplemented by numerous special demonstrations. These exercises, some of which are performed by students under the direction of an assistant, are closely correlated with the other objective instruction. The function of the depressor nerve, motor localization in the cerebral cortex, the action of secretin and of enterokinase, and the effects of lymphagogues are examples of subjects which are demonstrated.

The facts observed in the laboratory and in the demonstrations are discussed in lectures. The lectures, about sixty in number, are informal discussions permitting questions by the students or by the instructor. In these discussions the laboratory experiments are correlated with one another and with the body of physiological knowledge.

In order that students shall review the work repeatedly as the course proceeds, and also that the instructors may judge the efficiency of the teaching, the class is divided into sections and quizzed orally every week by the instructing staff. At the end of each general division of the subject, as, for example, the nervous system, or the circulation, a written test is given. Usually five questions are asked; as examples the following are illustrative: What are the effects of stimulating the vasoconstrictor nerves of any particular organ? Cite morphological and physiological evidence for segmental arrangement of the nervous system. Discuss cortical localization. The examination books are returned, corrected, to the students.

If in the quizzes and tests many students show that certain points are not clearly understood, these points are briefly discussed again before the class. If a student reveals by his answers general failure to grasp the subject intelligently, he is personally conferred with regarding the character of his work. Such conferences are held after the first six weeks of the course, and usually result in a better understanding between the instructor and the student, and frequently in a marked improvement in the student's efforts.

Text-books. — No special text-book is required, but the following books are recommended for reading in connection with the course: Starling,

Human Physiology. Howell, Text-book of Physiology. Macleod, Physiology and Biochemistry. Bainbridge and Menzies, Essentials of Physiology.

October, November, December, and January. HOURS

Laboratory experiments. Asst. Professor STILES, Dr. HAMPEL, and Dr. PINKSTON.
Mondays, Wednesdays, and Fridays in October and January, daily except Saturdays in November and December. 150

Quizzes (14). *One hour a week.* 12

Written tests (3). *One hour a month.* 3

Lectures (60). Asst. Professor STILES, Dr. HAMPEL and Dr. PINKSTON. 60

Special demonstrations. Dr. HAMPEL and Dr. PINKSTON. 15

INVESTIGATION

Any student, properly qualified, who desires to engage in physiological research will be welcomed into the laboratory and will be offered every facility for research which the laboratory affords.

HYGIENE, ORAL HYGIENE, AND PUBLIC HEALTH

FRED W. MORSE, JR., B.S., M.D., *Instructor in Bacteriology.*

First Year. — A course of ten lectures and discussions on the problems of body efficiency and the prevention of disease. Physical examinations of the students are required. This course considers the normal functions of the body and its parts, leading to the study of the normal functions of the mouth in the second-year course on oral hygiene. Practical knowledge of the effect of exercise and play on bodily function is obtained in the gymnasium classes.

Second Year. — The course in Oral Hygiene, given in coöperation with the Department of Operative Dentistry, is planned to show in detail how the mouth is normally designed and operated and the various local and systemic factors involved in the development and maintenance of health in the mouth, together with their correlations. Deviations from the normal design and function are studied to demonstrate how these deviations predispose to bacterial, chemical, and mechanical irritation in the mouth, producing disease.

The course is intended as a means of correlating, in the mind of the student, his science with clinical practice, so that he may understand the distinction between intelligent dentistry and mere technical skill.

Fourth Year. — In a course of lectures on Public Health, matters of special interest to the dentist are dealt with. Special emphasis is placed

on the prevention of disease and the establishment of more normal living. Methods for the accomplishment of these desirable conditions are presented to the students.

First Year	hours
Lectures. Dr. Morse. *Twice a week for six weeks during the second half-year.*	12

Second Year	
Lectures. Dr. Morse, Dr. Cushman, and special lecturers. *Once a week for fifteen weeks, beginning in January.*	15

Fourth Year	
Lectures. Dr. Morse and special lecturers. *Once a week for eight weeks during the first half-year.*	8

Materia Medica, Pharmacology and Therapeutics

J. William O'Connell, D.M.D., *Assistant Professor of Materia Medica and Therapeutics.*

Second Year. — The course includes the study of drugs used in medicine; their sources, physical and chemical properties, constituents, preparations and doses.

Pharmacology, the science dealing with the action of drugs upon the tissues, organs, and functions of the body, is given special attention. At frequent intervals demonstrations on animals will be given, showing the pharmacologic action of the more important classes of drugs.

Toxicology, the study of poisons, their antidotes and antagonists, also the treatment in cases of poisoning, receive careful attention.

Prescription writing and the incompatibility of drugs are adequately considered.

Third Year. — The use of drugs in pathological conditions, and the various methods of their administration, are described in detail. Particular attention is given to those which are of special interest to the dental practitioner. All therapeutic means and measures are given due consideration.

Written quizzes and conferences are held every three weeks throughout the year.

Text-books. — Prinz, Dental Materia Medica and Therapeutics. Stevens, A Textbook of Therapeutics, Including the Essentials of Pharmacology and Materia Medica (7th edition). Bastedo, Materia Medica, Pharmacology, and Therapeutics.

Collateral Reading. — Cushny, Pharmacology and Therapeutics. United States Pharmacopoeia. American Medical Association, New and Non-official Remedies.

Second Year HOURS

Materia Medica and Pharmacology. Lectures. Dr. O'Connell. *Once a week throughout the year.* 32

Third Year

Therapeutics. Lectures. Dr. O'Connell. *Once a week during the second half-year.* 15

Pathology

S. Burt Wolbach, M.D., *Shattuck Professor of Pathological Anatomy.*
Frederic Parker, Jr., M.D., *Associate Professor of Pathology.*
Tracy B. Mallory, M.D., *Instructor in Pathology.*
Henry Pinkerton, M.D., *Instructor in Pathology.*
Monroe J. Schlesinger, M.D., *Instructor in Pathology.*
Shields Warren, M.D., *Instructor in Pathology.*
Irving B. Akerson, M.D., *Instructor in Pathology.*
Granville A. Bennett, M.D., *Instructor in Pathology.*
Paul E. Boyle, D.M.D., *Instructor in Pathology.*
Sidney Farber, M.D., *Instructor in Pathology.*
Robert Gross, M.D., *Instructor in Pathology.*
Percy R. Howe, A.B., D.D.S., *Instructor in Pathology.*
G. Kenneth Mallory, A.B., M.D., *Instructor in Pathology.*
Valy Menkin, M.D., *Instructor in Pathology.*
James S. Rooney, M.D., *Instructor in Pathology.*
Reuben Schulz, M.D., *Instructor in Pathology.*
Arthur Hertig, M.D., *Instructor in Pathology.*
Orville Bailey, M.D., *Assistant in Pathology.*

Required Courses

Second Year. — The course in Pathology consists of laboratory work and lectures. The basis of the laboratory work is a systematic course in pathological histology. In connection with this there are demonstrations of fresh material and museum specimens bearing on the subjects studied. For demonstrations the class is divided into small sections. The demonstrations are given in connection with the subjects which are being studied, in rooms adjoining the main laboratory. Lectures are given three days in the week by Dr. Wolbach and other members of the Department. The object of the lectures is to expand and coördinate the knowledge which

the student obtains by the study of material and to introduce important recent advances not yet incorporated in text-books. No attempt is made to separate the subject of Pathology into general pathology and pathological anatomy, but the subject is studied as a whole. The student is taught methods of work, is given material, and directed, but he is taught to work independently. Tumors and other material coming from the surgical clinics are made full use of in the course. Conferences and recitations will occasionally be substituted for regular laboratory work.

Special lectures and demonstrations of subjects of importance to dentists are given by Dr. Boyle throughout the course.

Second Year	hours
Lectures. Dr. Wolbach. *Mondays, Wednesdays, and Fridays, October through December.*	36
Laboratory work. Dr. Wolbach and instructors. *Two and a half hours, Mondays, Wednesdays, and Fridays, during the forenoons of October through December.*	90

Bacteriology

Hans Zinsser, M.D., *Professor of Bacteriology and Immunology.*
Fred W. Morse, Jr., B.S., M.D., *Instructor in Bacteriology.*
Carl T. Nelson, D.M.D., *Assistant in Bacteriology.*

With the assistance of others of the Staff of the Department of Bacteriology of the Medical School.

Second Year. — Required bacteriology is taught by lectures and practical laboratory work. The lectures treat of the general subject and of methods of practical work. In the laboratory each student has an opportunity to become familiar with the simpler methods of manipulation and staining which are of special clinical value, and with the more prominent of the pathogenic bacteria.

The microörganisms which are associated with dental disease and oral infections are particularly studied, and consideration given to the theories which have been advanced on the etiology of certain infectious processes in the mouth.

Opportunity is given to gain insight into the problems of immunity.

Second Year	hours
Lectures. Drs. Zinsser, Morse, and staff. *Tuesdays and Thursdays, October through January.*	32
Laboratory work. Dr. Morse and staff. *Two hours, Tuesdays and Thursdays, October through January.*	64

Oral Histology and Pathology

Kurt H. Thoma, D.M.D., *Charles A. Brackett Professor of Oral Pathology.*

Leonard D. Nathan, D.M.D., *Instructor in Oral Pathology.*

Frederick A. Trevor, D.M.D., *Instructor in Oral Pathology.*

Burton J. Gove, D.M.D., *Instructor in Oral Pathology.*

Third Year. — This course is given two afternoons a week during the second half of the year. It consists of lectures and laboratory exercises. The development of the face and mouth as well as the teeth and salivary glands is taken up first. This is followed by a microscopic study of the normal tissues and organs of the mouth. After the student has been made familiar with the structure of the normal tissues, the various pathological conditions of the teeth and jaws are studied. The history and roentgen pictures of the specimen used for teaching are exhibited to connect the microscopic work with the clinical picture.

The embryological, histological, and pathological work is principally taught by means of microscopic study, each student being furnished with a set of slides containing sections of all the normal tissues and organs of the oral cavity as well as of the various pathological conditions affecting them. From these drawings are made. The knowledge gained by a parallel study of the histology of healthy and diseased tissues is not only invaluable in diagnosis, but is extremely important in developing an understanding of medical and surgical therapeutic measures. The lectures are supplemented by the exhibition of lantern slides of microscopic sections, photographs and Roentgenograms of anatomical and pathological specimens and cases. Colloquia are held at intervals to discuss clinical cases which have been especially prepared by the staff.

Text-books. — Beust, Dental Histology and Embryology. Thoma, Clinical Pathology of the Jaws. Kronfeld, Histopathology of the teeth.

Collateral Reading. — Orban, Dental Histology and Embryology. Mummery, The Microscopic and General Anatomy of the Teeth, 2d edition. Bödecker, Dental Histology and Embryology. Price, Dental Infections, Oral and Systemic. Mead, Diseases of the Mouth. Hopwell-Smith, Normal and Pathological Histology of the Mouth, Vols. I and II. Thoma, Oral Roentgenology, 2d edition. Endelman, Dental Pathology.

Third Year	hours
Lectures. Prof. Thoma. *Twice a week for four months.*	32
Laboratory exercises and demonstrations. Drs. Trevor and Gove. *Twice a week for four months.*	64
Colloquia. Prof. Thoma and staff.	

Operative Dentistry

Frank H. Cushman, S.B., D.M.D., *Professor of Operative Dentistry*, and *Chairman of the Department.*

Edwin C. Blaisdell, D.M.D., *Clinical Professor of Operative Dentistry, Emeritus.*

*Frank T. Taylor, D.M.D., *Clinical Professor of Operative Dentistry.*

Amos I. Hadley, D.M.D., *Clinical Professor of Operative Dentistry.*

Martin B. Dill, A.B., D.M.D., *Clinical Professor of Operative Dentistry.*

Clarence B. Vaughan, D.M.D., *Assistant Professor of Clinical Dentistry.*

Harold E. Tingley, D.M.D., *Assistant Professor of Operative Dentistry.*

Leon E. Dulac, D.M.D., *Assistant Professor of Operative Dentistry.*

John T. Timlin, D.M.D., *Instructor in Operative Dentistry.*

David F. Spinney, D.M.D., *Instructor in Operative Dentistry.*

Charles G. Pike, D.M.D., *Instructor in Operative Dentistry.*

Eugene B. Wyman, D.M.D., *Instructor in Operative Dentistry.*

Ernest V. L. Whitchurch, D.M.D., *Instructor in Operative Dentistry.*

Roger B. Taft, D.M.D., *Instructor in Operative Dentistry.*

Sterling N. Loveland, D.M.D., *Instructor in Operative Dentistry.*

Morton F. Yates, D.M.D., *Instructor in Operative Dentistry.*

Charles B. Sawyer, D.M.D., *Instructor in Operative Dentistry.*

Chester L. Sandiford, D.M.D., *Instructor in Operative Dentistry.*

B. Strout Stevens, D.M.D., *Instructor in Operative Dentistry.*

Ralph M. Towle, D.M.D., *Instructor in Operative Dentistry.*

Francis P. Devlin, A.B., D.M.D., *Instructor in Operative Dentistry.*

Raymond P. Cassidy, D.M.D., *Instructor in Operative Dentistry.*

Gordon Hall, D.M.D., *Instructor in Operative Dentistry.*

Paul B. LeBaron, D.M.D., *Instructor in Operative Dentistry.*

Joseph W. Nevins, D.M.D., *Instructor in Operative Dentistry.*

J. Gilbert Ray, D.M.D., *Instructor in Operative Dentistry.*

Harold C. Robinson, D.M.D., *Instructor in Operative Dentistry.*

Louis Miskell, D.M.D., *Instructor in Operative Dentistry.*

Lawrence W. Bowers, D.M.D., *Instructor in Operative Dentistry.*

Paul E. Boyle, D.M.D., *Instructor in Operative Dentistry.*

Arthur P. Young, D.M.D., *Instructor in Operative Dentistry.*

Elbert S. Godfrey, D.M.D., *Instructor in Operative Dentistry.*

Ralph B. Lancaster, A.B., D.M.D., *Instructor in Operative Dentistry.*

Peter A. Dempsey, D.M.D., *Instructor in Operative Dentistry.*

Victor I. Merriam, D.M.D., *Instructor in Operative Dentistry.*

Roger J. Edwards, D.M.D., *Instructor in Operative Dentistry.*

* Died December 10, 1934.

Lee O. Smith, D.M.D., *Instructor in Operative Dentistry.*
Donald F. McCloskey, D.M.D., *Instructor in Operative Dentistry.*
Harry S. Saidel, B.S., D.M.D., *Instructor in Operative Dentistry.*
Edwin M. Scribner, D.M.D., *Instructor in Operative Dentistry.*
Milton L. Boyle, D.M.D., *Assistant in Operative Dentistry.*
George M. Lucey, D.M.D., *Instructor in Operative Dentistry.*
Paul K. Losch, D.D.S., *Instructor in Operative Dentistry.*
Robert S. Wesson, D.M.D., *Instructor in Operative Dentistry.*
G. Earl Thompson, D.M.D., *Instructor in Operative Dentistry.*
G. Randolph Hubbard, A.B., D.M.D., *Instructor in Operative Dentistry.*
Carl T. Nelson, D.M.D., *Assistant in Bacteriology.*
Hermann B. F. Seyfarth, D.M.D., *Instructor in Operative Dentistry.*
James W. Etherington, D.M.D., *Assistant in Operative Dentistry.*
Philip J. Pinel, D.M.D., *Assistant in Operative Dentistry.*

In the course in Operative Dentistry the mouth is considered from its standpoint as a masticating organ and as part of the body as a whole. Instruction is given by means of lectures, demonstrations, class-room discussions and clinical practice. It is systematically distributed through the last three years of the course.

At the beginning of the Sophomore year, the student is given a general perspective of the various mouth conditions in health and disease; the progress already made and the means used, in maintaining a healthy oral mechanism; and the various fields in which investigation is needed. From this point to the end of the Junior year, both class-room and clinical instruction is aimed at grounding the student in the fundamentals of separate operative procedures. For the first term, the principles of cavity preparation common for all types of restoration are taught by means of the preparation of cavities in plaster teeth and on the odontotype; and general infirmary procedures, such as use of rubber dam, wedges, operative instruments, etc., are shown. For the second and third terms, the class is assigned patients in the infirmary, where instruction is given in the theory and practice of the use of plastic filling materials, in odontexesis, and other therapeutic measures for the prevention and control of caries.

During the Junior year sections of the class take up the more advanced types of restoration of lost tooth substance, studying in both class-room and infirmary, foil fillings, inlays (both gold and porcelain), and the diagnosis and treatment of pathology of the pulp. Diseases of the periodontium are considered at length, early recognition of predisposing factors and the necessary corrective means being especially stressed.

In the Senior year an attempt is made to correlate, in the mind of the student, the various factors in the mouth leading to health and disease, so

that a competent survey of the mouth as a whole can be made, and proper corrective and preventive treatment, where necessary, instituted. The relation of Oral to Systemic disease is shown.

The clinics are run in close coördination with the School Medical Clinics, and students are permitted to accompany their patients when referred thereto for systemic supporting treatment.

An organized group of small children for study and research in Pediodontia is available. Several children are assigned to each senior student for dental care throughout the year, and the student has opportunity for correlating the oral condition with the physical, through coöperation with the School Medical Clinic. Especial stress is placed on the importance of early treatment for the correction of mal-developments and the guiding of normal development of all the oral structures, as a means of establishing coördinations in those structures, leading to oral health in adult life.

Operative work and Orthodontia needed are conducted in the regular clinics under special instructors, so that comparison is possible with children showing the evil effects on coördination, and thus on health, of early neglect of physical conditions in general, and those of the mouth in particular.

The student is taught the importance of winning the child's confidence and instructing him in oral health measures to be carried out at home.

Text-books. — Students are required to purchase Merritt's Periodontal Diseases; Woodbury's The Making and Filling of Cavities in the Proximal Surfaces of the Front Teeth with Gold Foil; and Hall's Pulpless Tooth Problems, in the Junior year and are urged to make frequent use of the library, which contains all the standard books on the subject, among these being the following: Black, Operative Dentistry; McGehee, Text-book of Operative Dentistry; American Text-Book of Operative Dentistry; Marshall, Operative Dentistry; Johnson, Text-Book of Operative Dentistry; Stillman and McCall, Clinical Periodontia.

	HOURS
Second Year	
Lectures. Drs. Tingley, Young, and Thompson. *Twice a week throughout the year.*	64
Third Year	
Lectures. Drs. Dulac, Yates, Young, and Seyfarth. *Twice a week during the first half-year; once a week during the second half-year.*	48
Fourth Year	
Lectures. Drs. Cushman and Losch. Oral Diagnosis and Children's Dentistry. *Twenty-five lectures during the first half-year.*	25

Second, Third, and Fourth Years

Practical work. Drs. Cushman, Taylor, Hadley, Dill, Vaughan, Tingley, Dulac, Timlin, Spinney, Pike, Wyman, Whitchurch, Taft, Loveland, Yates, Sawyer, Sandiford, Stevens, Towle, Devlin, Cassidy, Hall, LeBaron, Nevins, Ray, Robinson, Miskell, Bowers, P. E. Boyle, Young, Godfrey, Lancaster, Dempsey, Merriam, Edwards, Smith, McCloskey, Saidel, Scribner, M. L. Boyle, Losch, Wesson, Thompson, Nelson, Seyfarth, Etherington, and Pinel.

X-Ray Department. — Dwight M. Clapp Foundation

Earle C. Cummings, D.M.D., *Assistant Professor of Roentgenology.*
Frank E. Wheatley, A.B., M.D., *Instructor in Roentgenology.*
Frederick R. McGrail, D.D.S. *Instructor in Roentgenology.*
Harold A. Bratt, D.M.D., *Instructor in Roentgenology.*
Lawrence B. Smith, D.M.D., *Instructor in Roentgenology.*
Philip H. White, A.B., D.M.D., *Instructor in Roentgenology.*
Joseph A. Conway, D.M.D., *Assistant in Roentgenology.*
George A. Sullivan, A.B., D.M.D., *Assistant in Roentgenology.*

The course in Oral Roentgenology comprises lectures, quiz-conferences, technical demonstrations, and clinical instruction. It begins in the second year with a technical consideration of X-radiation and its relation to radiography, and continues with an elementary study of the film product and the structural identification of the negative registration it portrays.

In the Junior year, a series of lectures is presented in which all phases of the subject pertaining to dental practice are considered. These are supplemented by laboratory instruction in the form of technical and clinical demonstration, quiz-conferences, and an opportunity for clinical practice under the direct supervision of a departmental instructor, wherein the student is taught the technique of high grade negative production and its relationship to efficient X-ray diagnosis.

Throughout the Senior year, each student, in the rotation of daily assignment, assumes the responsibilities and duties of clinical assistant to the Department. He is also given advanced technical instruction, as well as guidance in clinical diagnosis. Additional opportunities for clinical practice are offered to Seniors whereby their personally assigned cases may be handled by them under general supervision. The Roentgenological treatment of some of the general medical problems and its significance to dental practitioners of radiography, is considered in a brief series of lectures.

Collateral Reading. — Raper, Elementary and Dental Radiography. Raper, Radiodontia. McCoy, Dental and Oral Radiography. Simpson,

The Technic of Oral Radiography. Thoma, Oral Roentgenology. Osgood, Teeth and Jaws. Ivy, Interpretation of Dental and Maxillary Roentgenograms. Browning, The Dental Radiogram. Pollia, Alveolo-Dental Radiology. Ennis, Dental Roentgenology.

SECOND YEAR — HOURS

Instruction Period. Dr. CUMMINGS. *Once a week for thirteen weeks.* 13

THIRD YEAR

Lectures or Quiz-Conferences. Dr. CUMMINGS. *Once a week for twenty weeks.* 20

Clinical Demonstrations and Practical Work. Dr. CUMMINGS. *Daily throughout the year.* (Two students to each clinical period.) Each student, about 60

FOURTH YEAR

Medical Roentgenology. Lectures by Dr. WHEATLEY. *Once a week for four weeks.* 4

Technical Demonstrations, Clinical Practice and X-ray Diagnosis. Dr. CUMMINGS, assisted by Drs. BRATT, MCGRAIL, SMITH, WHITE, CONWAY, and SULLIVAN. *Daily throughout the year.* (One student to each clinical period.) Each student, about 60

PROSTHETIC DENTISTRY

FRED A. BECKFORD, D.M.D., *Professor of Prosthetic Dentistry.*

NORMAN B. NESBETT, D.M.D., *Assistant Professor of Prosthetic Dentistry.*

RICHARD B. SMITH, D.M.D., *Assistant Professor of Prosthetic Dentistry.*

ARTHUR M. MALONEY, D.M.D., *Assistant Professor of Prosthetic Dentistry* and *Chairman of the Department.*

ARTHUR W. HICKS, D.M.D., *Instructor in Prosthetic Dentistry.*

NORMAN W. SWETT, D.M.D., *Instructor in Prosthetic Dentistry.*

HENRY J. CARNEY, D.M.D., *Instructor in Prosthetic Dentistry.*

JOHN R. WALLACE, D.M.D., *Instructor in Prosthetic Dentistry.*

ARCHIE I. FAIN, D.M.D., *Instructor in Prosthetic Dentistry.*

OSCAR C. JOSTEDT, D.M.D., *Instructor in Prosthetic Dentistry.*

RAYMOND J. NAGLE, D.M.D., *Instructor in Prosthetic Dentistry.*

LEVON K. DAGHLIAN, D.M.D., *Instructor in Prosthetic Dentistry.*

P. REGINALD MACKINNON, D.M.D., *Instructor in Prosthetic Dentistry.*

JOSEPH H. BECK, D.M.D., *Instructor in Prosthetic Dentistry.*

JOHN V. BLASI, D.M.D., *Instructor in Prosthetic Dentistry.*

JOSEPH P. JAZOWSKI, D.M.D., *Instructor in Prosthetic Dentistry.*

KENNETH I. STARBIRD. D.M.D., *Assistant in Prosthetic Dentistry.*

The course in Prosthetic Dentistry extends from the second semester of the Sophomore year, through the Junior and Senior years.

During the Sophomore year and the first semester of the Junior year, the student is given a technical training in the construction of appliances used in prosthetic restorations. This includes a study of the noble metals and their alloys, plaster, compound, investment, etc., and the technique of casting, soldering, heat treatment, etc. Occlusion is studied and the student is taught the use of instruments whereby mandibular movement may be recorded and utilized in diagnosis and in construction of restorations.

In the second semester of the Junior year and continuing throughout the Senior year, the student is assigned to clinical practice and is required to complete satisfactorily a number of full and partial dentures and bridge cases. By means of lectures and demonstrations he is taught examination of the mouth, diagnosis, and treatment. Complete examination is required in all cases accepted for treatment and the importance of this preliminary work is shown. The correlation of prosthesis with the other courses of instruction at the school is stressed and is taught in both lectures and clinical periods.

In addition to the regular prosthetic course, there is a surgical prosthetic clinic for the restoration of post-operative deficiencies. This work is carried on by special instructors and more advanced students and the completed cases are demonstrated so that all the students may see the methods of restoration.

Text-books. — Prothero, Prosthetic Dentistry. Campbell, Full Denture Prosthesis. Nichols, Prosthetic Dentistry. Kingsley, Oral Deformities. Kennedy, Partial Denture Construction. Peeso, Crown and Bridge. Doxtater, Crown and Bridge.

	HOURS
SECOND YEAR	
Lectures. Dr. MALONEY. *Once a week during the second half-year.*	16
Demonstrations and Laboratory Practice. Drs. MALONEY, BECK, JAZOWSKI, FAIN, and STARBIRD. *Three times a week during January. Five times a week during the second half-year.*	276
THIRD YEAR	
Lectures. Drs. BECKFORD, NESBETT, MALONEY, and NAGLE. *Forty-two times throughout the year.*	44
Demonstrations and Laboratory Practice. Drs. MALONEY, BLASI, JOSTEDT, FAIN, and STARBIRD. *Five times a week for twelve weeks during the first half-year.*	180
Clinics and Clinical Demonstrations. Drs. BECKFORD, HICKS, SWETT, WALLACE, MALONEY, NAGLE, MACKINNON, BECK, JAZOWSKI, and BLASI. *Five times a week during January, and four times a week throughout the second half-year.*	210

Fourth Year	Hours
Lectures. Drs. Beckford, Nesbett, and Smith. *Forty-eight times throughout the year.*	48
Demonstrations and Clinics. Drs. Beckford, Nesbett, Smith, Swett, Hicks, Carney, Wallace, Maloney, Jostedt, Nagle, MacKinnon, Beck, Jazowski, Blasi, and Daghlian. *Five times a week throughout the year.*	400

Orthodontia

Lawrence W. Baker, D.M.D., *Professor of Orthodontia.*
Earnest A. Hooton, Ph.D., B.Litt., *Professor of Anthropology.*
Horace L. Howe, D.M.D., *Clinical Professor of Orthodontia.*
Adelbert Fernald, A.M., D.M.D., *Assistant Professor of Orthodontia.*
Fred R. Blumenthal, D.M.D., *Assistant Professor of Orthodontia* and *Director of the Graduate Course.*
Frank A. Delabarre, D.D.S., M.D., *Associate in Orthodontia.*
Alfred P. Rogers, D.D.S., *Associate in Orthodontia.*
William J. Speers, D.M.D., *Instructor in Orthodontia.*
Louis M. Freedman, M.D., *Associate in Orthodontia.*
Ralph E. Gove, D.M.D., *Instructor in Orthodontia.*
Raymond L. Webster, D.M.D., *Instructor in Orthodontia.*
George N. Abbott, D.M.D., *Instructor in Orthodontia.*
Cleophas P. Bonin, D.M.D., *Instructor in Orthodontia.*
Ralph W. Short, D.M.D., *Instructor in Orthodontia.*
Shinji Fujishiro, D.D.S., D.M.D., *Instructor in Orthodontic Technique.*
Everett A. Tisdale, D.M.D., *Instructor in Orthodontia.*
Paul H. Newhall, A.B., D.M.D., *Instructor in Orthodontia.*

The course in Orthodontia begins at the opening of the second semester of the Junior year and extends through the Senior year, and is taught by lectures supplemented by both laboratory training and practical work in the infirmary. The instruction in the courses offered is based on the principle that orthodontia is a mechanico-biological process.

In the Junior year the class-room teaching consists of lectures which serve as an introduction to the biological and mechanical principles upon which the subject is based. The teaching of the mechanical principles and orthodontic technique in these lectures serves as a basis for the laboratory course.

In the laboratory the class is divided into small groups — the object being to give the student individual instruction in orthodontic technique and in the construction of the various types of appliances used in modern orthodontia.

In the Senior year applied orthodontia is the dominant feature. The school offers an unlimited supply of clinical material so that each student

has the opportunity of treating two or more cases of malocclusion, under the supervision of a clinical teacher.

The Senior laboratory teaching and the Senior lecture courses are carefully correlated with this clinical work. The lectures of the first semester deal principally with applied orthodontia, while those of the second semester are planned to carry the student further with the biological principles considered in the Junior year, including preventive orthodontia and a course on the Evolution of the Human Head by Professor Earnest A. Hooton.

In addition to the undergraduate teaching, the School offers a Graduate Course in Orthodontia, the announcement of which may be found on page 44.

Text-books. — Angle, Malocclusion of the Teeth (Seventh Edition). Dewey, Practical Orthodontia (Fourth Edition). McCoy, Applied Orthodontia (Third Edition). Johnson's Operative Dentistry (Third Edition), Section xxxiii, by Herbert A. Pullen.

Collateral Reading. — Macewen, The Growth of Bone. Sir Arthur Keith, Antiquity of Man. J. Arthur Thomson, Heredity. J. C. Brash, The Ætiology of Irregularity and Malocclusion of the Teeth. Hooton, Up from the Ape. Sir Arthur Keith, Menders of the Maimed.

Third Year	hours
Lectures. Dr. Blumenthal. *Once a week for eight weeks.*	8
Demonstrations and Laboratory Exercises in Orthodontic Technique. Drs. Tisdale, Fujishiro, and Newhall. *Three hours a week from February throughout the remainder of the year.*	48

Fourth Year	
Lectures. Drs. Baker, Howe, Fernald, Blumenthal, and Tisdale. *Once a week for twenty-four weeks.*	24
Dr. Hooton. *Once a week for six weeks.*	6
Clinics. Drs. Howe, Gove, Bonin, Fujishiro, and Tisdale. *Seven hours a week throughout October and November. Three hours a week throughout balance of year.*	140

Syphilology

Austin W. Cheever, M.D., *Assistant in Dermatology and Syphilology.*

Third Year. — The course consists of lectures and clinical instruction given at the Massachusetts General Hospital, Out-Patient Department.

Students have an opportunity to see extro-genital chancres and the common skin eruptions, also many of the rarer manifestations of syphilis

in the mouth and throat and non-syphilitic lesions that may be mistaken for syphilis. There are many patients showing changes in the teeth and jaws due to congenital syphilis.

Ward patients are utilized for teaching where they show conditions of interest from a dental standpoint.

Colored plates, photographs and plaster models of interesting or unusual manifestations are also employed.

Each student attends four one and a half hour exercises.

HOURS

Lectures and clinical instruction given during the first half-year.

Each student, 10

SURGERY, SURGICAL PATHOLOGY, ORAL SURGERY, AND ANAESTHESIA

LEROY M. S. MINER, D.M.D., M.D., *Professor of Clinical Oral Surgery.*

VARAZTAD H. KAZANJIAN, D.M.D., M.D., *Professor of Clinical Oral Surgery.*

HAROLD A. KENT, D.M.D., *Assistant Professor of Oral Surgery* and *Chairman of the Division of Extracting and Anaesthesia.*

HALSEY B. LODER, A.B., M.D., *Lecturer on Surgery and Surgical Pathology.*

WALTER V. MACGILVRA, D.D.S., *Lecturer on Anaesthesia.*

EDWIN L. FARRINGTON, D.M.D., *Instructor in Extracting and Anaesthesia.*

OLIVER P. WOLFE, D.M.D., *Instructor in Extracting and Anaesthesia.*

J. CAMPBELL THOMPSON, D.M.D., *Instructor in Extracting and Anaesthesia.*

JOHN A. BREEN, D.M.D., *Instructor in Oral Surgery.*

JOSEPH A. RING, D.M.D., *Instructor in Oral Surgery.*

CHESTER F. WOLFE, D.M.D., *Instructor in Extracting and Anaesthesia.*

DAVID D. BLOOM, D.M.D., *Instructor in Oral Surgery.*

J. MARK SMITH, D.M.D., *Instructor in Extracting and Anaesthesia.*

F. CHESTER DURANT, D.M.D., *Instructor in Oral Surgery.*

JOHN H. JAFFAR, D.M.D., *Instructor in Extracting and Anaesthesia.*

FRANK H. LESLIE, D.M.D., *Instructor in Extracting and Anaesthesia.*

CHARLES J. SMITH, D.M.D., *Instructor in Oral Surgery.*

RUSSELL S. PHILLIPS, D.M.D., *Instructor in Oral Surgery.*

HAROLD A. CARNES, D.M.D., *Instructor in Extracting and Anaesthesia.*

GLENN W. LAWRENCE, D.M.D., *Instructor in Oral Surgery.*

FRED G. ROLLINS, D.M.D., *Instructor in Oral Surgery.*

WILLIAM R. PEPIN, S.B., D.M.D., *Assistant in Oral Surgery.*

CHARLES W. CROWLEY, D.M.D., *Instructor in Oral Surgery.*

FREDERICK A. HALEY, D.M.D., *Instructor in Extracting and Anaesthesia.*

MOSES S. STROCK, D.M.D., *Instructor in Oral Surgery.*

WILLIAM A. WALSH, A.B., D.M.D., *Instructor in Extracting and Anaesthesia*

Edgar L. Abt, D.M.D., *Instructor in Extracting and Anaesthesia.*
Mitsuta Manabe, D.D.S., D.M.D., *Assistant in Oral Surgery.*
Linwood H. Farrington, D.M.D., *Instructor in Extracting and Anaesthesia.*
Edward J. Durling, D.M.D., *Instructor in Extracting and Anaesthesia.*
George DeF. Bissell, D.M.D., *Assistant in Oral Surgery.*
Harry Stone, D.M.D., *Assistant in Extracting and Anaesthesia.*
Richard W. Lawrence, D.M.D., *Assistant in Extracting and Anaesthesia.*
George A. Sullivan, A.B., D.M.D., *Assistant in Roentgenology.*

The course is arranged to develop a broad conception of general and oral surgery including the extraction of teeth.

Third Year.—A course of sixteen lectures in Physical Diagnosis is given during the first half-year covering general diagnostic methods and procedures. Lectures in Surgical Pathology begin in January, covering such general subjects as inflammation, suppuration, ulceration, necrosis, etc.

Demonstrations are given to small sections of the class, in which the fundamental problems of extraction are made clear. In these exercises students become familiar with forceps and lines of resistance in extracting and operate upon a dummy mounted with celluloid teeth.

Fourth Year.—Lectures on Principles of Surgery give the student a broad viewpoint of rules governing surgical procedures in general. These courses lead up to the lectures and demonstrations in Oral Surgery, together with clinics in the infirmary and hospitals. Clinics in dental and oral surgery are also held at the Massachusetts General Hospital with members of the teaching staff in attendance.

A course of lectures on extraction and nitrous oxide and oxygen anaesthesia is given, and practical instruction is given in the school clinic every day of the school year. Students are required to show proficiency in extraction and local anaesthesia in order to pass the examination in this department.

Text-books.— Da Costa, Modern Surgery. Brewer, Surgery. Warren, Surgical Pathology. Rose, Physical Diagnosis. Cabot, Physical Diagnosis. Brophy, Oral Surgery. Brown, Oral Surgery. Blair and Ivy, Essentials of Oral Surgery. Winter, Exodontia. Hewitt, Anaesthetics Fischer, Local Anaesthesia in Dentistry. Thoma, Oral Anaesthesia, Smith, Block Anaesthesia and Allied Subjects. Nevin and Puterbaugh, Conduction, Infiltration, and General Anaesthesia in Dentistry. Posner, Local Anaesthesia Simplified. Berger, Principles and Technique of the Removal of Teeth.

THIRD YEAR HOURS

Lectures. Dr. MINER. *Once a week for sixteen weeks.* 16
Dr. LODER. *Once a week for twenty weeks.* 20

Demonstrations. Dr. KENT. Each student, 6

FOURTH YEAR

Lectures. Dr. MINER. *Once a week for sixteen weeks.* 16
Dr. KAZANJIAN. *Once a week for twenty weeks.* 20
Dr. MACGILVRA. *Once a week for eleven weeks.* 11
Dr. KENT. *Once a week for twelve weeks.* 12

Surgery Clinics. Drs. MINER, KAZANJIAN, KENT, SMITH, ROLLINS, PEPIN, STROCK, and BISSELL. *Twice a week throughout the year. Each student has about ten exercises.* 30

Extraction Clinics. Drs. MACGILVRA, O. P. WOLFE, THOMPSON, C. F. WOLFE, J. M. SMITH, JAFFAR, LESLIE, CARNES, HALEY, WALSH, ABT, L. H. FARRINGTON, STONE, LAWRENCE, and SULLIVAN. *Daily throughout the year. Each student has about fourteen exercises.* 42

Massachusetts General Hospital Clinics. Drs. BREEN, RING, DURANT, PHILLIPS, LAWRENCE, CROWLEY, BLOOM, and STROCK.

ORAL MEDICINE

GEORGE H. WRIGHT, D.M.D., *Clinical Professor of Oral Medicine.*

Third Year. — The consideration of the relationship of dentistry to medicine is brought out in a course by Dr. WRIGHT, supplemented by lectures on endocrinology, diseases of the heart and kidney, and diabetes by the leading specialists in the Harvard Medical School.

HOURS

Lectures. *Once a week during the first half-year.* 16

SEMINARS

GEORGE H. WRIGHT, D.M.D., *Director.*

Third Year. — During the first half-year the Class is divided into small working groups of from two to five men each, to whom is assigned a definite subject for study under the direction of a tutor. Every second week students report in conference on the reading or laboratory work. Suggestions, evaluations and discussions of the various problems are considered. A complete essay or thesis is developed to indicate what the student has absorbed during three months of study. These papers are read before the entire group of men in the Junior Class, towards the end of the course.

HOURS

Seminars. Dr. WRIGHT and assistants. *Once a week during the first half-year.* 48

Conduct of Practice

Edwin N. Kent, D.M.D., *Lecturer on Conduct of Practice*

Fourth Year. — A course of lectures, with opportunities for discussion and consultation, covering the general subject of office organization and management and embracing the selection of location and equipment, record keeping, routine office procedure, development of personal efficiency, psychology of professional success, professional ethics, and dental jurisprudence.

The aim of the course is to assist in the development of a practical and useful professional life, and lectures are given to the Senior class during the last half-year.

	HOURS
Lectures. Dr. Kent. *Once a week for twelve weeks.*	12

COURSES FOR GRADUATES

The object of the graduate courses is to enable graduates in dentistry to continue their studies along lines in which they may be interested. Attendance on such courses does not entitle a student to examination for the degree. A certificate of attendance will be furnished when desired to students who have satisfactorily completed the requirements of the courses attended.

The following courses are offered:

Orthodontia; a comprehensive course which familiarizes the student with modern methods of diagnosis and treatment of all types of malocclusion. Includes lectures, demonstrations, seminars and practical clinical experience. *Six mornings a week throughout the academic year.*

Oral Surgery; a clinical course, limited to four students. Includes lectures and clinics at the Dental School and various hospitals.

In addition to these courses, students may be admitted to other departments of the School, upon approval of the heads of the departments, for instruction in technical and clinical methods.

For further information in regard to graduate work, apply to the Dean's Office.

RESEARCH

Percy R. Howe, A.B., D.D.S., S.D., *Thomas Alexander Forsyth Professor of Dental Science.*

Arthur A. Libby, D.M.D., *Instructor in Dental Research.*

Moses J. Eisenberg, D.M.D., *Research Fellow in Dentistry.*

George P. Matthews, D.M.D., *Instructor in Dental Research* and *Director of the Research Laboratory.*

The research of the School is under the direction of the Committee on Research, a standing committee appointed by the Dean.

The laboratories of the Department of Dental Research are located in the Medical School buildings and they offer facilities to members of the Faculty and to students who are interested in scientific investigation.

The laboratories work in coöperation with the clinical departments of the School in the compilation of scientific data from the wealth of material available. There is an increasing use of the laboratories by students in the checking up of their clinical procedures.

The investigations of biological problems of dental significance are undertaken in the various departments.

The Harriet Newell Lowell Society for Dental Research

In 1907, Miss Harriet Newell Lowell bequeathed to the Harvard Dental School a sum of money, the interest to be applied each year to dental research. In addition to the appointment of a special research worker and a research committee of five men, the Administrative Board formed the Harriet Newell Lowell Society for Dental Research. The object of the Society is to interest the students in research. Its president and a majority of its executive committee are students, and meetings are held in the School building. A well-equipped research laboratory is open for the use of the students and teachers who are interested in scientific investigation.

Officers. — James M. Parr, S.B., *President;* Dexter R. MacDonald, A.B., *Vice-President;* Robert W. Hornbaker, *Student Treasurer;* James R. Hannon, A.B., *Student Secretary.*

Executive Committee. — Dean Leroy M. S. Miner, D.M.D., M.D., Sc.D., *Chairman;* Lawrence W. Baker, D.M.D.; George P. Matthews, D.M.D.; Kurt H. Thoma, D.M.D.

CLINICAL ADVANTAGES

The Dental School is established in Boston in order to secure those advantages for Clinical Instruction which are found only in large cities.

The clinics of the Dental Hospital afford an unlimited number of patients so that each student receives abundant practice in all branches of Dentistry.

At midyears of the second year, after finishing his technique work on the Odontotype, each student is assigned a chair in the Operative Infirmary and begins work on patients. Each student is required to operate eighteen hours a week throughout the second year; and fifteen hours a week throughout the third and fourth years.

Each student is assigned a bench in the Prosthetic Laboratory in the

second year and is required to work in the Laboratory nine hours a week during January, and fifteen hours a week throughout the second half-year, and until January 1 of the third year. At this time patients are assigned and the student works in the Prosthetic Infirmary or the Laboratory fifteen hours a week during the remainder of the third year and throughout the fourth year.

University Dental Health Service, Stillman Infirmary. — Associated with the clinics of the Dental School, and in coöperation with the Department of Hygiene, is the Stillman Infirmary dental health service for Harvard College students and members of the graduate schools in the University. In addition to dental examinations of all Harvard College freshmen, the health service includes the supervision of their dental problems. This service is under the directorship of Morton F. Yates, D.M.D., with the following members of the teaching staff: Edward J. Durling, D.M.D., George M. Lucey, D.M.D., G. Randolph Hubbard, A.B., D.M.D., and Carl T. Nelson, D.M.D.

The Peter Bent Brigham Hospital. — This general hospital has been in active operation since February, 1913. The hospital is for general medical and surgical cases, and is situated on ground adjacent to the Medical School buildings. Dr. Henry A. Christian, Hersey Professor of the Theory and Practice of Physic, and Dr. Elliott C. Cutler, Moseley Professor of Surgery, in the Harvard Medical School, have been appointed by the trustees of the Hospital Physician-in-chief and Surgeon-in-chief respectively. Dr. Leroy M. S. Miner, Professor of Clinical Oral Surgery in the Harvard Dental School, is Consulting Dental Surgeon.

Dr. M. S. Strock, Instructor in Oral Surgery, and Visiting Dental Surgeon at the Brigham Hospital conducts ward walks for the Senior dental students.

The Massachusetts General Hospital. — Clinics are held in the Out-Patient Department in Medicine, Surgery, Dentistry, Children's Medical, Dermatology, Genito-Urinary, Laryngology, Orthopedics, and Syphilis. The following have been established: Anaphylaxis, Arthritis, Cardiac, Convalescent, Dental, Diabetic, Infantile, Industrial, Massage, Non-pulmonary Tuberculosis, Nutrition, Vaccine Treatment, and X-ray Treatment.

The Dental and Oral Surgery Clinic is open on the forenoons of Monday, Wednesday, and Friday and is administered by the following staff, several of whom teach in the surgical course at the Dental School:

Leroy M. S. Miner, D.M.D., M.D., Sc.D., Oral Surgeon and Chief of Dental Staff. Dental Surgeons: John A. Breen, D.M.D.; Joseph A. Ring, D.M.D.; F. Chester Durant, D.M.D.; Glenn W. Lawrence, D.M.D. Assistant Dental Surgeons: David D. Bloom, D.M.D.; Harold A. Carnes, D.M.D.; Russell S. Phillips, D.M.D.; Charles W. Crowley, D.M.D.;

Moses S. Strock, D.M.D.; Frederick A. Haley, D.M.D.; Harold A. Bratt, D.M.D.

Sections for clinical studies at the Nose and Throat Department. Wednesdays, Assistant Professor Wright.

LIBRARIES AND MUSEUMS

The College Library at Cambridge is open to students, and also the Library of the Boston Medical Library Association, which has a dental section containing a large and very complete collection of dental literature. It includes the libraries of the American Academy of Dental Science and the Massachusetts Dental Society. There is a good reference library of modern books, including encyclopaedias, systems, etc. The Library is open daily, except Sundays and holidays, from 9 A.M. to 6 P.M.

The Dental School Library, STERLING N. LOVELAND, D.M.D., *Librarian*, contains about 3,950 especially selected volumes to which the students and graduates of the School have free access. The Library is open on week days from 9 A.M. to 5.30 P.M., on Saturdays until 1 P.M., and on Wednesday evenings from 7 until 9 P.M.

The Boston Public Library is open to students who are inhabitants of Boston. Students, not inhabitants of Boston, who have filed a bond at the Bursar's office may also use this Library.

The Boston Medical Library, No. 8 The Fenway, one of the largest medical libraries in this country, is open to those who desire to consult medical literature, on week days from 9.30 A.M. to 10 P M., on Saturdays till 6 P.M.

The Dental Museum, in charge of ADELBERT FERNALD, A.M., D.M.D., *Curator*, offers unusual facilities for study of the teeth. The pathological anatomy of the teeth is shown by more than 2,050 specimens, among which are dissected teeth showing formations of secondary dentine in the pulp cavity, and also many rare specimens showing the development of dental science. There are 1,000 specimens of human and comparative anatomy, illustrating a wide range of knowledge. Specimens have been arranged in chronological order and many new features have been added, including mineral ores most used by dentists, such as gold, silver, platinum, iron, copper, zinc, and mercury.

During the last year the Museum has acquired many valuable specimens, including models of mouths of the vegetable eaters of Yucatan which show deplorable and unsanitary conditions, as well as models of the mouths of the meat eaters of the extreme northern coast of Labrador, Baffin Land and Etah, which are nearly perfect. These models are very interesting for future study of these primitive people.

The Warren Anatomical Museum of the Harvard Medical School was founded in 1847 by JOHN COLLINS WARREN, of the College Class of 1797, Adjunct Professor of Anatomy and Surgery from 1809 to 1815, Hersey Professor of Anatomy and Surgery from 1815 to 1847, Professor *Emeritus* from 1847 to his death in 1856, son to JOHN WARREN, the first Hersey Professor of Anatomy and Surgery. This important Museum is open to students in the School, and its collections are used in demonstration of the lectures.

The collection has over eleven thousand specimens, illustrating both normal and pathological anatomy. Students may have access to these specimens at any time upon application to the Curator.

Besides dissections and serial sections of many bones, the anatomical collection includes many corrosion preparations, plaster and papier maché models of bones, organs, and various parts of the body, and frozen sections.

The pathological collection is being constantly enlarged by the addition of numerous specimens, preserved in their natural colors.

Exhibits of specimens illustrating topics of special interest are made from time to time.

PHILLIPS BROOKS HOUSE

HARVARD UNIVERSITY

The Dental School Society, a branch of the Phillips Brooks House Association, represents the religious, philanthropic, and social interests among the students in the Harvard Dental School. Membership in the society is open to any student who is in sympathy with any one or more of these objects. The society maintains an information bureau at the opening of the college year, at which catalogues, pamphlets, maps, and lists of boarding houses investigated and approved by the school are furnished. It also organizes discussion groups and conducts meetings addressed by leading men in the dental profession, the main object of these meetings being to present the ethical side of the profession. The society is also planning to organize an employment bureau.

FELLOWSHIPS AND SCHOLARSHIPS

THE EUGENE HANES SMITH SCHOLARSHIP. In 1920, in recognition of Dean Smith's twenty-five years of service to the Dental School, the Harvard Dental Alumni Association gave a sum of money for the establishment of a scholarship, to be known as The Eugene Hanes Smith Scholarship. The income from this fund will be awarded annually to a worthy and meritorious student in the third or fourth year of the Dental School, who has been a student in regular standing during the first and second years. The

income may be divided between two students at the discretion of the Dental Committee on Scholarships.

The Alford Fund (1785); Mrs. Joanna Alford. With an income of $300, "to be used for scholarships for those students who are under low and indigent circumstances."

The Joseph Eveleth Scholarship; with an income of $250, founded by Joseph Eveleth of Boston and Watertown, Sheriff of Suffolk County from 1840 to 1855, except in 1853.

The Dwight M. Clapp Scholarship; with an income of one hundred and twenty-five dollars. Established in 1926 by the will of Clara Josephine Clapp in memory of her husband, Dwight M. Clapp, D.M.D. 1882. For a student born in Massachusetts, preferably one who has had a college education or training of a classical character, or who has such educational qualifications as are prescribed for admission to the Harvard Medical School.

Peter E. Strauss Scholarship with an income of five hundred dollars. Established in 1922, under the will of Emily R. M. Strauss of Boston, in memory of her husband.

The Thomas Alexander Forsyth Scholarship Fund (1929), with an income of seven hundred and fifty dollars, to be given each year to two worthy and deserving students in the Dental School who are desirous of becoming dentists and who have passed the requirements of scholarship, the income to be given to the same men until they have completed their course at the school.

The Robert T. Moffatt Fund, a loan fund established by Dr. Robert T. Moffatt of Boston for the benefit of deserving students who are in need of financial aid.

The Christian Soldier Fund; a loan fund established in 1924 by Miss Caroline F. Anderson, of Brookline, for the benefit of needy and deserving students.

The Alumni Loan Fund. The sum of four thousand eight hundred and ten dollars has been received from the Harvard Dental Alumni Association and from the Dental Classes of 1900, 1902, 1904, 1905, and 1908 to be used as a loan fund to aid any deserving students who require financial assistance.

The above scholarships apply to the Dental students only. Awards for the current year are made by the Committee on Scholarships in January. Owing to the limited funds available, it is the policy of the Committee to give preference to third and fourth-year students, although occasional awards may be made to second-year students whose work is outstanding.

Applications should be presented at the Dean's office on forms provided for the purpose, not later than January 1.

The Frederick Sheldon Fund for Travelling Fellowships. The income of this Fund is available for students in any Department of the University. For particulars see University Catalogue.

The Daniel A. Buckley Scholarships; with an income of two hundred and fifty dollars each, for graduates of the public schools of the city of Cambridge.

The Parker Fellowship. Established in 1873 in memory of John Parker, Jr., with an income of forty-five hundred dollars, for the instruction, education and maintenance of one or more students of eminent natural talents or genius for some one or more of the sciences taught in the University. Available for study at the University or in foreign countries.

The Charles Elliott Perkins Scholarships; three undergraduate scholarships and one graduate scholarship, with an income of four hundred and fifty dollars each. From a fund received in 1909, from Mrs. Charles Elliott Perkins, of Burlington, Iowa, "in trust for the establishment of scholarships in Harvard University for students from Iowa, the scholarships to be forever known and designated as the 'Charles Elliott Perkins Scholarships.'" The terms of the gift are further outlined in the University Catalogue.

The Princeton Fellowship; with a stipend of six hundred dollars. From a graduate of Princeton University, to be awarded to a graduate of that University studying in any department of Harvard University.

Franklin Reynolds (1929). John F. Reynolds. For students in any department of Harvard University who are natives of Marblehead, Massachusetts. Applications should be made to the President's Office on recommendation of the Dean of the school where the applicant is registered. Six, each six hundred dollars.

The William Stoughton Scholarship; with an income of twenty-one hundred and fifty dollars. One or more scholarships in any department of the University, from the income of the bequest under the will of Governor Stoughton, preference being given, first, to students of Dorchester, and second, if there be none such, to students of the town of Milton.

These scholarships and gratuities are awarded to such men among those applying for and needing assistance as give evidence of having done the best work either in this School or in a preparatory course elsewhere.

Application should be made to Dean Kenneth B. Murdock, Chairman of the Committee on General Scholarships and on the Sheldon Fund.

Students who have not been able to obtain scholarships often find time and opportunity to do outside work of various kinds in the city.

TABULAR VIEW — 1934-35

FIRST YEAR — FIRST HALF-YEAR

Medical School

	SEPTEMBER–JANUARY 12	JANUARY 14–26
	MONDAY–SATURDAY	MONDAY–SATURDAY
9–1	Chemistry, daily	January 14, 16, 18, Chemistry Other days, Dental Anatomy
2–5.30	Sept., Oct., and Jan., Physiology, Mon., Wed., and Fri. Chemistry, Tues. and Thurs. Nov. and Dec., Physiology, daily except Saturday	

FIRST YEAR — SECOND HALF-YEAR

	JANUARY 28 to FEBRUARY 28	MARCH, APRIL AND MAY	
	MONDAY–SATURDAY	MONDAY–FRIDAY	SATURDAY
9–1	Dental Anatomy	Anatomy, Mon., Wed., and Fri. Histology, Tues. and Thurs.	Dental Anatomy until Apr. 1
2–5.30	Embryology, daily except Saturday		

SECOND YEAR — FIRST HALF-YEAR, 1934–35

	SEPTEMBER–DECEMBER						JANUARY					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
9–10	General Pathology	Oper. Dent. L.	General Pathology	Oper. Dent. L.	General Pathology	Materia Medica L.	Prosthetic Dent. L.	Oper. Dent. L.	Radiography L.	Oper. Dent. L.	Oral Hygiene L.	Materia Medica L.
10–1	H. M. S.	Oper. Tech.	H. M. S.	Oper. Tech.	H. M. S.	Oper. Tech.	Operative Dentistry					
2–5.30	Oper. Tech.	Bacteriology	Oper. Tech.	Bacteriology	Oper. Tech.		Pros. Tech.	Bacteriology	Pros. Tech.	Bacteriology	Pros. Tech.	

SECOND YEAR — SECOND HALF-YEAR

	FEBRUARY–JUNE					
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9–10	Prosthetic Dentistry L.	Operative Dentistry L.	Materia Medica L.	Operative Dentistry L.	Oral Hygiene L. until May 1	Radiography L. until April vacation
10–1	Operative Dentistry					
2–5.30	Prosthetic Technique					

SEPTEMBER–JANUARY

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9–10	Oper. Dent. L.	Physical Diagnosis L.	Oper.* Dent. L.	Prosthetic Dent. L.	Radiography L. Prosthetic Dent. L. Surgical Pathology L. beginning January 11	Oral Medicine L.
10–1	Operative Dentistry	Operative Dentistry	Operative Dentistry	Operative Dentistry	Operative Dentistry	Prosthetic Tech.
2–5.30	Prosthetic Tech.	Prosthetic Tech.	Prosthetic Tech.	Prosthetic Tech.	Seminars	

FEBRUARY–JUNE

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9–10	Prosthetic Dent. L.	Radiography L.	Prosthetic Dent. L. Orthodontia L. alternating	Surgical Pathology L.	Therapeutics Lect.	Operative Dent. Lect.*
10–1	Prosthetic Dent. Syphilology**	Orthodontia Tech.	Prosthetic Dent.	Prosthetic Dent.	Prosthetic Dent. Syphilology**	Operative Dent.* Syphilology**
2–5.30	Operative Dent.*	Oral Pathology H. M. S.	Operative Dent.*	Operative Dent.*	Oral Pathology H. M. S.	

* Class divided in 3 sections; Periodontia, Inlay, Gold Foil. ** Small sections of class.

FOURTH YEAR, 1934–35

SEPTEMBER–JUNE

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9–10	Prosthetic Dentistry L.	Oral Diagnosis L. 4 weeks Extracting and Anaesthesia L. 12 weeks Principles of Surgery L.	Prosthetic L. alternating with Gas-Oxygen Anaesthesia L.	Orthodontia L. 24 weeks	Oral Diagnosis L. 10 weeks Clinical Oral Surgery L.	Pediodontia 8 weeks Public Health Dentistry L. 8 weeks Conduct of Practice L., 12 weeks
10–1	Prosthetic Dentistry X-ray*	Prosthetic Dentistry Surgery* X-ray*	Prosthetic Dentistry X-ray*	Prosthetic Dentistry X-ray*	Prosthetic Dentistry Surgery* X-ray*	Orthodontia during October Operative, beginning Nov. 3 X-ray* Extracting*
2–4	Operative Dentistry X-ray* Extracting*	Operative Dentistry X-ray* Extracting*	Operative Dentistry X-ray* Extracting*	Operative Dentistry X-ray* Extracting*	Operative Dentistry X-ray* Extracting*	
4–5.30		Orthodontia		Orthodontia during October	Orthodontia after October 26	

* Class in small sections.

DENTAL SCHOOL

Graduate Students

Name	Home Residence
Gold, Joseph Kramm, D.M.D. (*Tufts Coll.*) 1924.	*Holyoke*
Martin, Francis James, D.M.D. 1922.	*Newton Centre*
Mills, Warren Francis, D.D.S. (*Loyola Univ.*) 1934.	*New Orleans, La.*
Mitchell, Charles Frank, D.D.S. (*Northwestern Univ.*) 1934.	*Minneapolis, Minn.*
Obrey, Lawrence Jarvis, D.D.S. (*Univ. of Louisville*) 1923.	*Needham*
Oliver, Alfred Joseph, D.M.D. (*Tufts Coll.*) 1919.	*Milford*
Schneider, Francis Mathias, D.D.S. (*Georgetown Univ.*) 1934.	*Schenectady, N.Y.*
Toepfer, Adelbert Kirsten, D.D.S. (*Univ. of Michigan*) 1928.	*Detroit, Mich.*

Fourth Year

Baker, Joseph Michael (*Tufts Coll.*).	*Brattleboro, Vt.*
Barton, Roger Daniel (*Bates Coll.*).	*Athol*
Bastey, Warren Walker (*Norwich Univ.*).	*Weymouth*
Bishop, John Lloyd, A.B. (*Dartmouth Coll.*) 1930.	*Nashua, N.H.*
Boynton, John Wilson, Jr. (*Tufts Coll.*).	*W. Medford*
Broderick, James Howard (*Georgetown Univ.*).	*Albany, N.Y.*
Carle, Clarke Albert, A.B. (*Coll. of the Holy Cross*) 1931.	*Thompsonville, Conn.*
DiNoia, Ferdinand William (*Georgetown Univ.*).	*Port Richmond, S.I., N.Y.*
Feleppa, Alfred Edward (*Coll. of the City of New York*).	*Bronx, N.Y.*
Goldman, Henry Maurice (*Brown Univ.*).	*Dorchester*
Hannon, James Richard, A.B. 1931.	*Brighton*
Hansis, Edward Siebert (*Dartmouth Coll.*).	*Needham*
Jarrett, Paul Francis, A.B. (*Univ. of Maine*) 1932.	*Stamford, Conn.*
Leveton, Albert Aaron (*Yale Univ.*).	*Springfield*
Lewis, Samuel (*Coll. of the City of New York*).	*Brooklyn, N.Y.*
Loftus, Edward Roland (*Massachusetts Inst. of Technology*).	*Milton*
Nowald, Franklin, A.B. (*Emmanuel Missionary Coll.*) 1925.	*W. New York, N.J.*
Oskar, John, S.B. (*Tufts Coll.*) 1931.	*Lawrence*
Parker, Theodore Rich (*Univ. of Alabama*).	*New York, N.Y.*
Parr, James McClintock, S.B. (*New York Univ.*) 1931.	*Newburgh, N.Y.*
Powitz, Aaron Alexander (*Bucknell Univ.*)	*Newark, N.J.*
Szekely, Richard Arthur (*Bucknell Univ.*).	*Hillside, N.J.*

Third Year

Baker, Joseph Henry (*Tufts Coll.*).	*Amesbury*
Bodnar, Albert Edward (*Manhattan Coll.*).	*Bridgeport, Conn.*
Burke, Paul Frederick (*Tufts Coll.*).	*Arlington*
Capobianco, Michael Thomas (*Tufts Coll.*).	*Medford*

Carmiol, Hermann Walter (*St. Mary's Coll., Calif.*). *San Jose, Costa Rica*
Clow, John Hildreth (*Univ. of New Hampshire*). *Wolfeboro, N.H.*
Cutler, Maurice Karl, A.B. (*Brown Univ.*) 1932. *Beverly*
Danforth, George Howard (*Boston Univ.*). *Lynn*
Degnan, John Benedict (*Tufts Coll.*). *Concord, N.H.*
Donahue, George Joseph, PH.B. (*Boston Coll.*) 1931. *Boston*
Dwyer, Thomas Francis, A.B. (*Coll. of the Holy Cross*) 1931. *Providence, R.I.*
Ehleider, Charles Austin Jenness, A.B. (*Williams Coll.*) 1931. *Poughkeepsie, N.Y.*
Esersky, Joseph, A.B. (*Dartmouth Coll.*) 1931. *Claremont, N.H.*
Flanigan, Justin Edward, A.B. (*Univ. of New Hampshire*) 1930. *Portsmouth, N.H.*
Friedman, Louis (*Rhode Island State Coll.*). *Newport, R.I.*
Hornbaker, Robert Weeks (*Massachusetts State Coll.*). *Worcester*
Jump, Ellis Burnett, A.B. (*Dartmouth Coll.*) 1932. *Boston*
Killilea, John Francis (*Tufts Coll.*). *Malden*
Kraus, Frank Robert, S.B. (*Alfred Coll.*) 1932. *Queens Village, L.I., N.Y.*
Leander, Carl Thorsten, S.B. (*Massachusetts Inst. of Technology*) 1921. *Jamaica Plain*
MacDonald, Dexter Reynolds, A.B. 1932. *Greenfield*
Michelson, George (*Massachusetts State Coll.*). *Dorchester*
Migliaccio, Nicolo Giuseppe, S.B. (*Rhode Island State Coll.*) 1932. *Providence, R.I.*
Ostrowski, Edward John, S.B. (*Tufts Coll.*) 1932. *Holyoke*
Parker, Charles Cheney (*Harvard Univ.*). *Newton Highlands*
Phillips, Lazarus Michael (*Tufts Coll.*). *Quincy*
Rapoport, Harold, A.B. 1931. *Hartford, Conn.*
Sunderhaft, Paul Francis, 2d (*Brown Univ.*). *Lowville, N.Y.*
Sweetnam, George Holmes (*Univ. of Maine*). *Bedford*
Swift, Thomas Henry (*Univ. of North Carolina*). *Mt. Vernon, N.Y.*
Tarule, John Anthony (*Univ. of New Hampshire*). *Nashua, N.H.*
Tisdall, Oliver Frederic (*Harvard Univ.*). *Newport, R.I.*
Underwood, Charles Milton (*Columbia Univ.*). *Brooklyn, N.Y.*
Wilson, William Lincoln (*Tufts Coll.*). *Everett*
Winkler, Louis Benedict, S.B. (*Univ. of New Hampshire*) 1924. *Exeter, N.H.*
Zazzaro, Michael John, S.B. (*Trinity Coll.*) 1932. *Hartford, Conn.*

Second Year

Cloutier, Charles Wilfred (*Fordham Univ.*). *Lewiston, Me.*
DeClue, Bertrand Leslie (*Colgate Univ.*). *Hempstead, L.I., N.Y.*
Diamond, Lewis Sewell (*Ohio Univ.*) *Brooklyn, N.Y.*
Downes, Arthur Bruce (*Rensselaer Polytechnic Inst.*). *Hartford, Conn.*
Duxbury, Paul Pulver (*Univ. of Michigan*). *Pine Plains, N.Y.*
Finkle, Philip David (*Rhode Island State Coll.*). *Providence, R.I.*
Fischel, Edwin, B.H. (*Liceo de Costa Rica*) 1933. *San Jose, Costa Rica*
Green, Leonard Bernard (*Bates Coll.*). *Brookline*
Handy, Nathaniel Alexander (*Boston Univ.*). *Newport, R.I.*
Holland, Daniel Joseph, Jr. (*Tufts Coll.*). *Chelsea*
Jodoin, Jacques Amable, A.B. (*St. Hyacinthe's Coll.*) 1931. *Fitchburg*
Jones, Thomas James, Jr., PH.B. (*Boston Coll.*) 1933. *Woburn*
Lapolla, Raymond Roland (*Tufts Coll.*). *Providence, R.I.*
Lunt, Walter Irving, S.B. (*Providence Coll.*) 1933. *Providence, R.I.*

Markson, Lloyd Howard (*Dartmouth Coll.*). *Brooklyn, N.Y.*
Nichols, Kenneth Edward (*Bates Coll.*). *Reading*
Noss, George Maxwell, A.B. 1933. *Dorchester*
Robarge, Morton Harvey (*Univ. of Notre Dame*). *Malone, N.Y.*
Sack, Mitchel (*Providence Coll.*). *Central Falls, R.I.*
Sannella, Francis Mize, S.B. (*Rhode Island State Coll.*) 1933. *Providence, R.I.*
Sawyer, Norman Pierce (*Bates Coll.*). *Cornish, Me.*
Scribner, Charles Egbert (*Harvard Univ.*). *W. Medford*
Solomon, Barnett (*Massachusetts State Coll.*) *Mattapan*
Strock, Alvin Edward, A.B. (*Dartmouth Coll.*) 1933. *Jamaica Plain*
Sullivan, Allyn Frederick, A.B. (*Providence Coll.*) 1932. *Providence, R.I.*
Sullivan, George Augustine, Jr., A.B. (*Coll. of the Holy Cross*) 1933. *Milton*
Sussman, Morris, S.B. (*Boston Univ.*) 1931. *Chelsea*
Thayer, Paul Leo, PH.B. (*Brown Univ.*) 1931. *Riverside, R.I.*
Tierney, Oswald Edward S.B. (*Providence Coll.*) 1933. *Providence, R.I.*
Vroom, Ross, Jr. (*Harvard Univ.*). *Hingham*
Weinberger, Benjamin (*Massachusetts State Coll.*). *Dorchester*
Zelermyer, Max, A.B. 1933. *Roxbury*

First Year

Aaron, Julius Arthur, A.B. (*Dartmouth Coll.*) 1933. *Greenfield*
Archambault, Gerard Phillip (*Providence Coll.*). *W. Warwick, R.I.*
Barrett, George Edward, Jr. (*Fordham Coll.*). *E. Orange, N.J.*
Berry, Ernest Combs (*Univ. of Vermont*) *Rutland, Vt.*
Bliss, Frank Farnell (*Massachusetts Inst. of Technology*). *Cranston, R.I.*
Blum, Samuel Irving, S.B. (*Providence Coll.*) 1934. *New Haven, Conn.*
Brown, John Crichton, A.B. 1934. *Concord, N.H.*
Davenport, Sebert Ellsworth, 3d, A.B. 1934. *Forest Hills Gardens, L.I., N.Y.*
Donsanto, Leonard Nicholas (*Univ. of Pennsylvania*). *Brighton*
Doscher, John Henry, Jr. (*Moravian Coll. and Theological Sem.*) *Ridgefield, N.J.*
Eaton, John Brady, A.B. (*Acadia Univ.*) 1934. *Wolfville, N.S.*
Fisher, Murray Richard, S.B. (*New York Univ.*) 1934. *Brooklyn, N.Y.*
French, Vernon Richmond (*Mount Union Coll.*). *Lowell*
Gage, Stanley Ashton, Jr. (*Middlebury Coll.*). *New Rochelle, N.Y.*
Goodman, Nathan, S.B. (*Massachusetts Inst. of Technology*) 1934. *S. Boston*
Haynes, Ernest Robert, S.B. (*Tufts Coll.*) 1934. *W. Warwick, R.I.*
Hunt, John Warren (*Colby Coll.*). *Gardiner, Me.*
Lambertson, William Andrew (*Moravian Coll. and Theological Sem.*). *Princeton, N.J.*
Lawrence, Charles Temple (*Univ. of New Hampshire*). *Manchester, N.H.*
Lee, Harry Joseph (*St. John's Coll.*) *Old Westbury, L.I., N.Y.*
Lucas, Lawrence, S.B. (*Tufts Coll.*) 1934. *Boston*
McCann, Charles Francis, A.B. (*Providence Coll.*) 1933. *Providence, R.I.*
Marcotte, Yvon Weippert (*Bates Coll.*). *Lewiston, Me.*
Marran, Vincent Peel (*Coll. of the Holy Cross*). *Holyoke*
Matteson, William Giles, Jr., S.B. (*Middlebury Coll.*) 1934. *Albany, N.Y.*
Messier, Henry Edward (*Boston Univ.*). *Taunton*
Novogroski, Allen Irwin, PH.B. (*Brown Univ.*) 1933. *Westerly, R.I.*
O'Neill, Gerald Lyne (*Coll. of William and Mary*). *Mattapan*
Parker, George Deming (*Harvard Univ.*). *Needham*
Parsons, Donald Whitman (*Univ. of North Carolina*). *Scituate*

Pierson, Harold LaSalle, S.B. (*Syracuse Univ.*) 1934. *Bloomfield, N.J.*
Roos, Donald Abraham (*Connecticut State Coll.*). *Brookline*
Tronic, Jesse James, S.B. (*Univ. of Virginia*) 1933. *Worcester*
Zaritzky, Samuel, S.B. (*Boston Univ.*) 1932. *Chelsea*
Zimmerman, Herbert Irving, A.B. (*Yale Univ.*) 1934. *New Haven, Conn.*

UNCLASSIFIED

Finemore, Harold Harman Mantle, B.D.S. (*Univ. of Sydney*) 1932.
Bundaberg, Queensland, Australia
Scott, Francis George, B.D.S. (*Univ. of Otago*) 1927.
Epsom, Auckland, N.Z.

SUMMARY

GRADUATE STUDENTS	8
FOURTH-YEAR STUDENTS	22
THIRD-YEAR STUDENTS	36
SECOND-YEAR STUDENTS	32
FIRST-YEAR STUDENTS	35
UNCLASSIFIED STUDENTS	2
TOTAL	135

ANNOUNCEMENT FOR 1935–36

Registration of students for the academic year 1935–36 begins in the Dental School, 188 Longwood Avenue, on Friday, September 20, and all Juniors and Seniors are required to register on that day. Freshmen and Sophomores are expected to register on or before Monday, September 23.

CALENDAR

1935.

Sept. 20,	*Friday.*	Registration of third and fourth-year students.
Sept. 23,	*Monday.*	**Academic Year begins.** Registration of first and second-year Students. Payment of the first instalment of the tuition-fee is required on this date.
Oct. 12,	*Saturday.*	Columbus Day: a holiday.
Nov. 11,	*Monday.*	Armistice Day: a holiday.
Nov. 28,	*Thursday.*	Thanksgiving Day: a holiday.

Recess from Dec. 23, 1935, to Jan. 2, 1936, inclusive.

1936.

Jan. 1,	*Wednesday.*	New Year's Day: a holiday.
Jan. 27,	*Monday.*	**Second Half-year begins.**
Feb. 22,	*Saturday.*	Washington's Birthday: a holiday.

Recess from March 29 to April 5, inclusive.

Apr. 20,	*Monday.*	Patriots' Day: a holiday.
May 1,	*Friday.*	Last day for receiving applications of candidates for the degree of D.M.D. in June, 1936.
May 30,	*Saturday.*	Memorial Day: a holiday.
June 17,	*Wednesday.*	Alumni Day.
June 18,	*Thursday.*	**Commencement.**

Summer Vacation, from Commencement to Sept. 27, inclusive.

LIST OF GRADUATES

1931

Anderson, Nils August Charles	Hartford, Conn.
Bissell, George DeForest	Melrose
Byrne, Francis Edward	Phillipsburg, N. J.
A.B. (*Villanova Coll.*) 1927	
Cenci, Vincenzo	Howard, R. I.
PH.B. (*Brown Univ.*) 1925	
Draye, Maurice Francis	Springfield Gardens, N. Y.
Egan, George Fairfield	Brooklyn, N. Y.
Frasca, Kenneth James	Elmsford, N. Y.
Gorsey, Robert Barnet	Cambridge
Hubbard, George Randolph	Boston
A.B. 1927	
Lewis, John Brayton	Kings Park, L. I., N. Y.
Norcross, Winston Clark	Boston
Norfleet, William John, Jr.	Suffolk, Va.
Phillips, Joseph Henry	Flushing, L. I., N. Y.
Rappaport, Benjamin	Brooklyn, N. Y.
Ricciardi, John Michael	Waterbury, Conn.
A.B. (*Holy Cross Coll.*) 1926	
Waddan, Yaakub Azra	Hillah, Iraq, Arabia
White, Philip Hay	Boston
A.B. (*Defiance Coll.*) 1928	
Wilkinson, Frost Birnie	New York, N.Y.
Worthen, Eugene Leon	Concord, N.H.

1932

Atwood, Theodore Winslow (*cum laude*)	Baltimore, Md.
A.B. (*Duke Univ.*) 1928	
*Canning, John Francis	Providence, R. I.
PH.B. (*Providence Coll.*) 1927	
Cohen, Maynard Edmond	Boston
Conway, Joseph Arthur	Boston
Eaton, Karl Bernard	Dotacamund, So. India
A.B. (*Acadia Coll.*) 1931	
Flynn, William Henry	New Haven, Conn.
PH.B. (*Providence Coll.*) 1928	
Goodfleish, Herbert Louis	New York, N.Y.
B.S. (*Coll. of the City of New York*) 1927	

* Deceased.

Harte, Leslie Patrick — London, England
L.D.S. (*Royal Coll. of Surgeons, England*) 1931
Hickey, Maurice John — New York, N. Y.
Kirmayer, Thomas Dean — Cliffside Park, N. J.
B.S. 1927
Lenoci, Ralph — Port Chester, N. Y.
Levinson, Tobias — Boston
McGirr, Francis William — Saratoga Springs, N. Y.
B.S. (*Hobart Coll.*) 1929
Morrissey, Leonard Gerard — Medford
B.S. (*Boston Coll.*) 1923
Moder, Arthur Alfred — New York, N. Y.
B.S. (*Coll. of the City of New York*) 1928
Musche, Frank Wilbur — E. Dedham
Phipps, Wilbur Nelson (*cum laude*) — Quincy
Nelson, Carl Truman (*cum laude*) — Boston
Rafferty, Robert William — Willimantic, Conn.
A.B. (*Univ. of Maine*) 1925
Ross, Alfred DeWitt — Fitchburg
Schmalz, Lester Otto — Cincinnati, O.
Seyfarth, Hermann Berthold Fritz (*cum laude*) — Boston
Spacagna, Charles Angelo — Providence, R. I.
A.B. (*Brown Univ.*) 1927
Sturgis, Edwin Albert, Jr. — Marblehead

1933

Augustine, Anastas George — Napanoch, N. Y.
A.B. (*Middlebury Coll.*) 1929
Bachmann, Werner Emil — Waltham
Blake, Albert Cook — Providence, R. I.
PH.B. (*Brown Univ.*) 1929
Bronson, Wingate Chaplin — Forest Hills, N. Y.
Chin, Harold Favenc Paul — Palmerston North, N. Z.
B.D.S. (*Univ. of Sydney*) 1930
DeMartini, Walter — Brooklyn, N. Y.
Edwards, Norman Luther — Madison, Me.
A.B. (*Bates Coll.*) 1929
Etherington, James Winfred — Winthrop
Gengras, Alfred Joseph, Jr. — W. Hartford, Conn.
Hunn, David Edward — New York, N. Y.
A.B. (*Hamilton Coll.*) 1929 (*cum laude*)
Ilg, Viktor Karl — Karlsruhe, Germany

Kark, Cyril Vivian	London, England
L.D.S. (*Royal College of Surgeons, England*) 1931	
Laakso, William (*cum laude*)	Gardner
Lawrence, Richard Wason	Milford, N.H.
McDowell, Joseph Lincoln (*cum laude*)	Ossining, N. Y.
Marino, James Vincent	Brooklyn, N. Y.
Mindel, Leo Elias	New Brunswick, N. J.
Morinville, William Arthur	Pawtucket, R. I.
Nakashian, Samuel James	New York, N. Y.
Parsons, John Yarwood	Huntington, W. Va.
A.B. (*Oberlin Coll.*) 1929.	
Starbird, Kenneth Irving	Boston
Sullivan, George Arnold	Newburyport
A.B. (*Catholic Univ.*) 1929 (*cum laude*)	
Tell, Meyer Edward (*cum laude*)	Washington, D. C.
Wasgatt, Richard	Bar Harbor, Me.
Yaffee, Morris	Glens Falls, N. Y.

1934

Carbone, Frank Steven	Boston
Carpenter, Russell Higson	Providence, R. I.
Finn, Sidney Bernard, A.B. (*Ohio State Univ.*) 1930	Rochester, N. Y.
Gallahue, Stephen Carrier, A.B. (*Coll. of the Holy Cross*) 1930	Quincy
Grant, Henry Hichborn	Portland, Maine
Herrling, Willard Samuel, Jr.	Auburn, N. Y.
Hill, Hans Bernhard	New York, N. Y.
Kroll, Louis (*cum laude*)	New York, N. Y.
Lalor, Daniel James	Uxbridge
Levitt, Nathan, A.B. (*Brown Univ.*) 1930 (*cum laude*)	Providence, R. I.
Mangi, Richard Constantine	New York, N. Y.
Manning, John Nowell	Waltham
Miner, John Walter, S.B. (*Colby Coll.*) 1929	Calais, Maine
Nemec, Frank Albert	Newark, N. Y.
Nowland, William Frederick	Utica, N. Y.
Pinel, Philip John	Boston
Richards, Horace William Sowles	Boston
Ross, Milton Randolph	Newark, N. J.

Stadt, Zachary Michlin, S.B. (*Univ. of Louisville*) 1930	Brooklyn, N. Y.
Sullivan, Timothy Carroll	Manchester, N. H.
Svenson, Sven Oscar	Worcester
Swallow, Donald Walcott	Rumford, Maine
Thompson, Claude Weston, Jr.	Dorchester
Van de Vyver, Leon Charles, S.B., M.D. (*Univ. of Louvain*) 1927	Louvain, Belgium
Virkler, Stanley Bent, A.B. (*St. Lawrence Univ.*) 1930	Boston